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German Wallace College

AND

Nast Theological Seminary

BULLETIN

1912-1913

ISSUED FOUR TIMES DURING THE YEAR

PUBLISHED BY THE COLLEGE, BEREA, OHIO

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FORTY-SIXTH CATALOGUE

LIBRARY
OF THE
UNIVERSITY OF ILLINOIS

German Wallace College

BEREA, OHIO

1912-1913

BEREA, OHIO
PUBLISHED BY THE COLLEGE
1913

LIBRARY
OF THE
UNIVERSITY OF ILLINOIS

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CALENDAR.

1913.

Celebration of Fiftieth Anniversary, May 31-June 4.

May 31. Saturday—

3:p. m. First Meeting of the Board of Trustees.

7:30 p. m. Concert of the School of Music.

June 1. Sunday—

10:00 a. m. Baccalaureate Sermon.

7:30 p. m. Annual Address before the Religious Societies.

June 2. Monday—

10:00 a. m. Dedication of New Buildings.

1:00 p. m. Reunion of Literary Societies and Classes.

3:00 p. m. Class Day Exercises.

5:00 p. m. Banquet of Alumni.

June 3. Tuesday—

8:30 a. m. Gymnasium Exhibition.

10:30 a. m. Valediction of Literary Societies.

1:30 p. m. Business Meeting of the Alumni Association.

1:30-4:30 p. m. Grand Rehearsal of Choral Union. (Private.)

7:30 p. m. Choral Union Concert.

June 4. Wednesday—

9:00 a. m. Commencement Exercises.
Conferring of Degrees.

Summer Vacation.

September 8. Monday—
First Semester begins.
Examinations for Admission, 9 a. m.

September 9. Tuesday—
Registration Day.

September 10. Wednesday—
Recitations begin. Chapel, 4 p. m.

September 15. Monday—
All College Day. Reception at the Gymnasium.

November 27. Thursday—
Thanksgiving Day.

December 19. Friday—
4 p. m. Recitations close.

Christmas Recess.

1914.

January 6. Tuesday—
7 a. m. Recitations resumed.

January 23. Friday—
First Semester ends.

January 26. Monday—
Registration Day. Second Semester begins.

January 27. Tuesday—
7 a. m. Recitations begin.

May 30. Saturday—
Decoration Day.

June 3. Wednesday—
Commencement.

GERMAN WALLACE COLLEGE AND NAST THEOLOGICAL SEMINARY.

HISTORICAL STATEMENT.

In the year 1856 the idea of a German department in connection with Baldwin University at Berea, Ohio, was suggested by Rev. Jacob Rothweiler. He and Dr. Wm. Nast brought the matter before the Cincinnati and North Ohio Conferences, which promised to support the plan. The Trustees of Baldwin University thereupon decided that the plan should go into effect as soon as the German brethren had secured $10,000 for the founding of a professorship. After this sum had been secured, the German Department began its existence with O. Henning as teacher and twelve German students. The latter lived in a large stone building which had been donated for the purpose by John Baldwin, and was, therefore, called after him, Baldwin Hall. The following year Professor Henning resigned, and Rev. J. Rothweiler, who managed the finances, now also took charge of the professorship. But after a few years the conviction prevailed that a mere professorship was insufficient to satisfy the needs which arose everywhere in the German Methodist congregations. At a convention which met at Berea it was therefore decided to establish a school in connection with Baldwin University. James Wallace donated for this purpose a large brick building, and in addition the greater part of the grounds, which the school now owns, and for this reason the institution was called "German Wallace College." Then preparations were made for the election of Trustees, and the constitution drawn up by the committee was accepted. It declared that the chief aim of the

school should be the advancement of Scientific Education and Biblical Christianity, especially among the Germans in America. In June of 1864 the Trustees held their first meeting in Berea, organized the College, and provided for its incorporation. Dr. Wm. Nast was elected President of the institution, and Rev. J. Rothweiler, Vice-President. At the next Trustees' meeting (1865) the idea of founding a Biblical department was suggested, and it was decided to collect from the German Conferences $25,000 for the founding of a theological professorship. In 1866 the brick building, which had up to this time been used as an orphanage, was bought. In 1867 Dr. Rothweiler severed connection with the institution. In the year 1870 a ladies' hall was provided by building an addition to the building purchased in 1866. In 1872 the College Chapel was erected. In 1880 Dr. Carl Reimenschneider was elected Vice-President of the institution.

The ground upon which Baldwin Hall stood was valuable because of the stone which it contained. Since the hall was old and in need of repairs, and the stone company offered a considerable sum for the ground, the place was sold, and with the proceeds an addition was built to the Ladies' Hall, and this building has since been used as the Men's Dormitory.

At the Trustee meeting in 1893 Dr. Nast, who had been President of the institution since it was founded, resigned because of old age, and Dr. Carl Riemenschneider became President.

In 1895 the plan for a new college building was carried out. It was decided to immediately begin the work. The following year (1896) it was completed and was dedicated on the 24th of November.

In 1899 the Ladies' Hall was erected, and in honor of Mr. Michael Dietsch was named after him, "Dietsch Töchterheim."

In June, 1908, Dr. Riemenschneider resigned the Presidency of the College, retaining his professorship, and Dr. E. S. Havighorst was selected to be his successor.

In June, 1910, Dr. Havighorst resigned. Dr. Arthur L. Breslich was chosen Acting President, and in the following year (1911) was elected to the Presidency.

In the same year a forward movement was begun for the purpose of adding $100,000 to the endowment and of increasing the equipment.

At the inauguration of President A. L. Breslich, March 29, 1912, the President of the Board of Trustees announced that the campaign for $100,000 had been successfully completed; $75,000 of this amount was added to the endowments. In 1912 the athletic field was purchased and the gymnasium erected. At their regular meeting in June, 1912, the Board of Trustees decided to celebrate the fiftieth anniversary of the college in June, 1913. As a part of this celebration a Jubilee Fund of $100,000 is to be raised. It was also decided to erect a Music Building and an Auditorium on the site donated by the citizens of Berea.

CHRONOLOGY.

1856—Rev. Jacob Rothweiler suggests the idea of a German Department in connection with Baldwin University, in Berea, Ohio.

1858—John Baldwin donates Baldwin Hall to German Wallace College. Baldwin University accepts the proposed plan to arrange for a German Department under the condition that the German Churches secure at least $10,000 as an endowment for the German Department. This condition is accepted by the Cincinnati and North Ohio Conferences, and the German Department is organized. Professor O. Henning was put in charge.

1859—The Germania Society was organized.

1863—Representatives of the German Methodist Church decide to establish a school in connection with Baldwin Universty. Preparations were made for the election of Trustees. A committee, composed of Rev. Jacob Rothweiler, Rev. Erhard Wunderlich, and Mr. R. A. W. Bruehl, framed the Constitution.

1863—James Wallace donates a large brick building and about four acres of land for school purposes (Deed given 1865). The value of the property of the institution was estimated at $20,625 (June 2, 1863). Charter was secured (June 3, 1863), and an agreement was made with Baldwin University for exchange of class work.

1864—First meeting of the Board of Trustees in Berea. Rev. William Nast, D. D., was elected President; Rev. Jacob Rothweiler, Vice-President.

1864—The Music Department was established. Dr. Albert J. Nast elected Professor of Music.

1865—Trustee Board decides to raise $25,000 for the founding of a Theological Department. Dr. P. W. Mosblech was elected Professor of Biblical Literature.

1866—The first two graduates: Miss Frances Nast (Mrs. F. N. Gamble) and C. F. Morf. A large brick building was bought as residence of Vice-President (Deed given in 1867).

1867—Rev. F. Schuler elected Vice-President.

1868—The Schiller Society was organized.

1870—Home of the Vice-President was rebuilt and arranged for ladies' dormitory. Bettina Society (later called Philomathean Society) is organized.

1872—The College Chapel was erected.

1873—Rev. P. F. Schneider was elected Vice-President. Value of property, $90,000.

1880—Professor Carl Riemenschneider, Ph. D., elected Vice-President. Development of Museum begun. Rev. Herman Herzer, Curator.

1883—The Goethe Society is organized (November 27).

1884—Baldwin Hall is sold and a new men's dormitory erected in place of ladies' dormitory.

1886—The College paper *(Der Bereaner)* is published.

1887—The Alumni Association (Der Bereanerbund) is organized.

1889—The twenty-fifth anniversary of German Wallace College is celebrated. The Alumni Association decides to raise $25,000 for a new professorship.

1893—Professor Carl Riemenschneider, Ph. D., elected President.

1896—Memorial Building completed (dedicated November 24).

1899—A new ladies' dormitory (Dietsch Toechterheim) erected.

1902—The Commercial Department is established.

1903—Rev. A. J. Nast, D. D., elected President of the Board of Trustees to succeed Rev. H. G. Lich.

1905—Men's dormitory is renovated and west wing added.

1907—The Theological Society is organized (October).

1908—Rev. E. S. Havighorst, D. D., is elected President.

1910—Professor Arthur L. Breslich, Ph. D., is elected Acting President.

1911—Professor Arthur L. Breslich, Ph. D., is elected President (inaugurated March 29, 1912).

1912—Campaign for $100,000 successfully completed (March). The athletic field was purchased. The Gymnasium was erected. Campaign for $100,000 Jubilee Fund was begun.

1913—The Auditorium and Music Building erected on the site donated by the citizens of Berea. (Dedicated June 2, 1913.) Celebration of the Fiftieth Anniversary of the College.

CORPORATION.

BOARD OF TRUSTEES.

Date of Election	EX OFFICIO.	Term Expires
1910	Rev. Arthur Louis Breslich, B. D., Ph. D., President of the College.	

CENTRAL GERMAN CONFERENCE.

1910	George J. Kalmbach	Grand Rapids, Mich.	1913
1910	Rev. Albert J. Nast, D. D.	Cincinnati, O.	1913
1910	John S. Schneider	Columbus, O.	1913
1911	Rev. Gustavus E. Hiller, D. D.	Indianapolis, Ind.	1914
1911	Rev. John W. Huber	Columbus, O.	1914
1911	Rev. Charles Treuschel	New Albany, Ind.	1914
1912	Ernst H. Huenefeld	Cincinnati, O.	1915
1912	Rev. Elias Roser	Detroit, Mich.	1915
1912	Carl F. Strecker	Marietta, O.	1915

CHICAGO GERMAN CONFERENCE.

1910	Rev. Julius A. Mulfinger, D. D.	Chicago, Ill.	1913
1911	Gustave Adolph Kuechenmeister.	West Bend, Wis.	1914
1912	Rev. Heinrich Lemcke	Milwaukee, Wis.	1915

EAST GERMAN CONFERENCE.

1912	Rev. E. W. Peglow	Lawrence, Mass.	1912
1912	Rev. G. Bobilin	Schenectady, N. Y.	1913
1912	John Faupel	Baltimore, Md.	1914

Date of Election	ASSOCIATION OF ALUMNI.		Term Expires
1910	Rev. Oscar Rogatzky	Cincinnati, O.	1913
1911	Clarence E. Mueller	Milwaukee, Wis.	1914
1912	John F. Lange	New York City.	1915

TRUSTEES AT LARGE.

1910	John Wahl	Cleveland, O.	1913
1911	Rev. John C. Marting	Berea, O.	1914
1912	Benjamin Schneck	Seymour, Ind.	1915

COMMITTEE OF VISITORS.

Rev. Hermann Rogatzky (Central German Conference), Cincinnati, O.
Rev. E. W. Bockstahler (Central German Conference)... Bucyrus, O.
Rev. Carl Keck (Chicago German Conference)..... Chicago, Ill.
Rev. Carl Rodemeyer (East German Conference)..... Boston, Mass.
Rev. Carl Krueger (North German Conference)... Menomonie, Wis.

OFFICERS OF THE BOARD.

Albert J. Nast, Cincinnati, O..... President
Julius A. Mulfinger..... Secretary
John C. Marting..... Treasurer

COMMITTEES OF THE BOARD.

EXECUTIVE COMMITTEE.

Arthur L. Breslich, Chairman
John C. Marting
Albert J. Nast
Elias Roser
John W. Huber
John S. Schneider
John Wahl

FINANCE COMMITTEE.

Gustave A. Kuechenmeister
Ernst H. Huenefeld
Carl F. Strecker
John S. Schneider
G. Bobilin
Oscar Rogatzky
John Faupel
John Wahl
John C. Marting
C. E. Mueller
J. A. Mulfinger

AUDITING COMMITTEE

Carl F. Strecker
John Wahl
Gustave A. Kuechenmeister

COMMITTEE ON FACULTY.

Heinrich Lemcke
Gustavus E. Hiller
A. L. Breslich
E. W. Peglow
Elias Roser
John W. Huber
Charles Treuschel
A. J. Nast

COMMITTEE ON VACANCIES

Albert J. Nast
Heinrich Lemcke
Arthur L. Breslich
Gustave E. Hiller
G. Bobilin

OFFICERS OF ADMINISTRATION.

ARTHUR L. BRESLICH, B. D., Ph. D.,
President.

PROFESSOR CHARLES W. HERTZLER, A. M., D. D.,
Dean of the College.

PROFESSOR CARL RIEMENSCHNEIDER, Ph. D., D. D., LL. D.,
Dean of Nast Theological Seminary.

F. GERTRUDE AKINS, A. M.,
Dean of Women.

PROFESSOR ALBERT RIEMENSCHNEIDER, A. B.,
Director of the School of Music.

REINHOLD HAUBRICH, A. B.,
Principal of the Commercial Department.

JOHN C. MARTING,
Treasurer.

PROFESSOR THEODORE RODEMEYER, Ph. D.,
Librarian.

PROFESSOR HILBERT T. FICKEN, A. M.,
Registrar.

PROFESSOR WESLEY NAST SPECKMANN, A. M., Ph. D.,
Curator of the Museum.

CAROL BRICKWEDE,
Official Stenographer.

ROSE STEINHAUSER,
Bookkeeper.

THE FACULTY.

ARTHUR LOUIS BRESLICH, B. D., Ph. D.,
President and Professor of Hebrew and Hellenistic Greek.

CARL RIEMENSCHNEIDER, Ph. D., D. D., LL. D.,
Professor of Philosophy.

CHARLES WILLIAM HERTZLER, A. M., D. D.,
Professor of Sociology.

VICTOR WILKER, A. M., Lit. D.,
Professor of Romance Languages and Literature.
(Alumni Foundation.)

JULIUS OTTO BERR, Lit. M.,
Professor of German Literature.

THEODORE CARL RODEMEYER, Ph. D.,
Professor of Ancient Languages.

CARL JORDAN, B. D., Ph. D., S. T. D.,
Professor of Ethics and Christian Evidences.

FLORENCE GERTRUDE AKINS, A. M.,
Instructor in History and Science.

HILBERT THEODORE FICKEN, A. M.,
Professor of Modern Languages.

REINHOLD HAUBRICH, B. C. S., A. B.,
Professor of Theory and Practice of Domestic Commerce.

LEWIS HERBERT CHRISMAN, A. M.,
Professor of English Language and Literature.

WESLEY NAST SPECKMANN, A. M., Ph. D.,
Professor of Biology and Geology.

*.....
Professor of Mathematics.

*To be elected.

EMORY UNNEWEHR, B. S.,
Professor of Physical Sciences.

HENRY CLARENCE BURR, B. D., A. M.,
Professor of History.

ALBERT RIEMENSCHNEIDER, A. B.,
Professor of Music, Piano, Pipe Organ, and Theory.

ETHEL MATTISON, Ph. B.,
Instructor in Piano.

MRS. ALBERT RIEMENSCHNEIDER, A. B.,
Instructor in Voice.

SIDNEY C. VERNON,
Instructor in Violin.

IRA B. PENNIMAN, A. B.,
Instructor in Voice.

MRS. IRA B. PENNIMAN,
Instructor in Piano.

FRANK J. NORTON,
Director of Athletics.

EDWARD ALLINGER, A. B.,
Assistant in Commerce.

OSCAR WESLEY, A. B.,
Assistant in Latin.

ORVIS C. IRWIN,
Assistant in English.

RUDOLPH ZOLLIKER, A. B.,
Laboratory Assistant.

HAROLD A. SPECKMANN,
Assistant in Mathematics.

JOHN C. MARTING,
Treasurer.

STANDING COMMITTEES OF THE FACULTY.

1. CLASS OFFICERS—
   Freshmen.....The President
   Sophomores, Professor Jordan
   Juniors..Professor Rodemeyer
   Seniors...Professor Chrisman
   Theology...Professor Hertzler
   Music
   Professor A. Riemenschneider
   Commerce Professor Haubrich
2. ALUMNI RECORD—
   Professors Speckmann, Unnewehr, Haubrich.
3. ATHLETICS—
   Professors Norton, Ficken, Marting.
4. CATALOGUE—
   Professors Chrisman, Hertzler, A. Riemenschneider, and Mr. Marting.
5. CONCERTS, LECTURES, SOCIAL LIFE—
   Professors Akins, Jordan, Wilker, A. Riemenschneider.
6. CURRICULUM and SCHEDULE—
   Professors Speckmann, Hertzler, Rodemeyer, Ficken, A. Riemenschneider, Haubrich.
7. DISCIPLINE AND RULES—
   Professors Hertzler, A. Riemenschneider, Ficken.
8. EMPLOYMENT—
   Mr. Marting, Professor Speckmann.
9. ENTRANCE CREDITS—
   Professors Ficken, Rodemeyer, Unnewehr.
10. LIBRARY—
    Professors Rodemeyer, C. Riemenschneider, Chrisman.
11. LITERARY SOCIETIES—
    Professors Wilker, Unnewehr, Speckmann, Chrisman.
12. LOANS—
    Mr. Marting and Professor Hertzler.
13. ORATORY, DEBATING—
    Professors Berr, Chrisman, Burr.
14. POSTGRADUATE STUDIES—
    Professors C. Riemenschneider, Wilker, Berr, Jordan.
15. PUBLICATIONS—
    Professors A. Riemenschneider, Haubrich, Hertzler, and Mr. Marting.
16. RELIGIOUS WORK AND CHRISTIAN ASSOCIATIONS' ADVISORY—
    Professors Jordan, Hertzler, Speckmann, Akins.

GENERAL INFORMATION.

LOCATION.

German Wallace College is located at Berea, Ohio, eight miles southwest of Cleveland, with which it is connected by the Cleveland & Southwestern Electric Railway. The town is accessible from all parts of the State and the country. Three of the leading railway systems pass through Berea: the Lake Shore, the Big Four, and the Baltimore & Ohio.

Berea has a population of about 4,000 inhabitants. It is widely known for its natural beauty, and is generally considered one of the most attractive suburbs of the city of Cleveland.

Berea is ideally located for a college town. The students enjoy the advantages of the large city without its disadvantages and temptations. Well-kept lawns, shady avenues, electric lights, water and sewer systems contribute to make the place healthy and attractive. It is a local option village, there being no saloon within its limits. The restraints from temptation and corrupt influences are remarkable. The prevalent social, moral, and religious atmosphere is pure and invigorating.

CAMPUS.

The campus of German Wallace covers about ten acres of ground. The Cleveland & Southwestern Electric Railway passes the front of the college. The business and resident sections join it on both sides. Beautiful elms and other shade trees, paved roads, and stone sidewalks help to make the campus attractive and inviting.

ATHLETIC FIELD.

The college owns an athletic field of about four acres, which joins the campus on the east side. The field was purchased in 1912. It is well drained and will be provided with a grandstand and a cinder running track. It is located within one block of the dormitories, and is accessible from every part of the town.

BUILDINGS.

The College possesses among others the following buildings:

MEMORIAL HALL.

This spacious structure, built of Berea sandstone, is 116 by 65 feet, and is well equipped with all modern improvements and appliances for school work. It is lighted by electricity, heated by steam, and has water supply for toilet and bathrooms. The basement contains, besides the boiler and engine-room, toilets, storerooms, the Museum, and the Geological Laboratory. The first floor is occupied by the offices of the President and Financial Agent, the Biological Laboratory, and classrooms. On the second floor are the library and reading-room, and classrooms. The third floor contains the four literary society halls, the Chemical and Physical Laboratories.

DIETSCH LADIES' HALL.

This building is an artistic structure built of Berea sandstone. It has three stories and basement, and is surrounded by spacious lawns. It is well furnished, and equipped with all modern conveniences. Besides containing numerous suites and single rooms for the young women, it contains double parlors, the rooms of the Dean of Women, and in the basement a laundry, which is at the disposal of the residents. The hall

affords a most pleasant and comfortable home for our lady students. The ladies are under the direct supervision of the Dean of Women.

Prices of rooms range, depending on size and location, per semester of eighteen weeks, from $11.25 to $27.00.

These prices include light, heat, and water.

A deposit of $3 from each student is required to cover breakage or damage.

MEN'S DORMITORY.

This dormitory is a large L-shaped, three-story building, with an outside fronting of 100 by 125 feet, and containing a total of 62 rooms. The large new dining-room seats 150. The building is equipped with all modern improvements, such as electric lights, lavatories, toilets, telephone service, etc. It also contains a commodious reception parlor. It is a dormitory which meets all the requisites of a healthful and comfortable college home.

Prices of rooms range, for semester of eighteen weeks, from $11.25 to $18.00.

These charges include light, heat, and water.

Rules for Men's Dormitory.

1. Such quiet must be observed in the Dormitory at all times as will permit the undisturbed application of residents to work.

2. Residents are not permitted to change rooms without the permission of the professor in charge.

3. The use of gasoline is not permitted in the building, neither shall any one alter in any way the lighting system without special permission.

4. A deposit of $3.00 must be made by each resident upon receiving the key to the room. This money will be refunded

when the resident vacates the room, provided nothing is charged against him for damage done to the room or building. Any damage for which the guilty party can not be discovered will be charged up to the residents *pro rata.*

5. The use of tobacco is prohibited.

6. The institution reserves the right to cancel contract for room at any time with forty-eight hours' notice.

7. All residents are subject to the authority of the professor in charge.

8. This Dormitory is provided by the College for men of good moral character and gentlemanly conduct; any one not conducting himself as such will be disciplined.

9. Students are not permitted to room outside of the dormitory except by special permission of the President.

THE COLLEGE CHAPEL.

The chapel is a two-story stone edifice for Sunday and week-day religious exercises. On the first floor is a large lecture-room and two classrooms. These rooms are at the service of the religious societies of the College. On the second floor is the regular chapel-room, which contains a fine college pipe-organ.

HOSPITAL.

A suite of rooms has been fitted out for hospital purposes in the old Loebenstein building. Couches, linen, bed-clothes, and various appliances and utensils, such as are needed in case of sickness, are in readiness for use at a moment's notice.

MUSIC HALL.

The newest of our buildings, erected as a home for the growing School of Music, is a large and beautiful sandstone structure 113 feet wide by 138 feet deep. It contains approxi-

mately fifty rooms—all designed for the special purpose for which they are used. Studios, practice rooms, classrooms, lecture rooms, concert and recital halls, green-room and artists' room, all have the best location and proportions which could be designed.

It is built according to the most approved modern fire-proof plan of stone, brick, steel, and concrete, in accordance with the rigid building code which the State now prescribes, and is one of the best buildings in the country used for the purposes of musical education.

The auditorium has the following dimensions: 110 feet long, 60 feet wide, and 42 feet high, and will accommodate, with the seats on the stage, an audience of about 1,000 people. The stage has a depth of forty-five feet, planned as follows: a spacious place at the rear is designed to contain one of the best pipe-organs in the State, and immediately in front of this are tiers of raised seats for a large chorus, while the front part of the stage is laid out with places for an orchestra of forty to fifty members, which serves as an accompaniment for the oratorio productions and for special concert work.

This building is to be dedicated in June, 1913, during the festivities when the College celebrates the fiftieth anniversary of its founding. A rendition of Haendel's "Judas Maccabeus," given by the Choral Union and orchestra, will be the opening concert.

GYMNASIUM.

The Gymnasium, which is a building of exceptional beauty, was erected in 1911-12. It is built of Berea sandstone, and is thoroughly adequate in its proportions and appointments for systematic physical training. The plans for the building were matured after a thorough study of some of the best gymnasium buildings in the country.

In the basement are a baseball cage, a room for visiting teams, locker rooms, and bath-rooms with the most improved showers. On the first floor are offices and the main gymnasium floor, fifty-two by eighty-six feet. The gymnasium is completely fitted with all modern forms of apparatus for heavy gymnastics and special work. On the next floor is a running track and visitors' gallery.

LIBRARY.

The Library is nicely housed on the second floor of the main College Building and is well supplied with the best books and works of reference for undergraduate study. With the accruements of the Herbert Lemcke and Mrs. Fannie Nast Gamble Library Funds, and by purchase and donation, valuable additions are constantly being made. We are very grateful to all who have contributed to the Library and wish to commend it to the future beneficence and support of our patrons and friends.

The reading-room is supplied with the best weekly and monthly papers and magazines of Europe and America. There are special journals and magazines for every department represented in the institution.

HERMAN HERZER MUSEUM.

The Museum is located on the ground floor of the Memorial Building, where it has commodious accommodations. Through the tireless energy of the former curator, Rev. Herman Herzer, D. Sc., and other friends of the institution, a very valuable collection of specimens for scientific and ethnological study has been gathered. The geological department is particularly well supplied with minerals, ores, coral, fossils, and shells.

Through the kindness of the Alumni, Trustees, and friends of the College, the excellent fossil collection left by Dr. Herzer was purchased and added to his former donations. This consists of some 270 specimens of fossil fishes, more than 2,300 corals, besides bryozoa, brachiopoda, gasteropoda, pelecypoda, cephalopoda, blastoids, crinoids, crustaceans, spongia, psaronius with one end polished, and several varieties of petrified wood and sea grasses.

The paleontological collection contains many rare specimens covering the various geological ages and periods. Of special note are *Dinichthys herzeri, Ogigia klotzii, and Sphaerexochus romingeri;* the latter, so far as known, is the only complete specimen in existence.

The collection is being labeled and catalogued so that it can be of the greatest possible use. Rev. F. Ohlinger, D. D., Rev. C. F. Kupfer, Ph. D., and Rev. G. Schaenzlin, A. B., alumni of the institution, have contributed valuable collections from China, Assyria, India, and Egypt for the study of ethnology.

The collection of mounted birds, star fish, and conchological specimens is of special value in biology.

The herbarium comprises an exceptional collection of mosses, several species of sea-weed, and a fair representation of the flora of the Central States.

NATURAL SCIENCE LABORATORIES AND EQUIPMENT.

THE PHYSICAL LABORATORY.

The physical laboratory is located on the third floor of the Memorial Building. It is well equipped with electric light, water, steam, and high-class apparatus needed for courses offered in this department. The recitation room is equipped with

a lecture table suitable for demonstration work in the class. Among the apparatus are several ordinary Calorimeters, a Bunsen Ice Calorimeter, a Combustion Bomb Calorimeter for the study of fuels, an apparatus for the determination of gravity, impact testing apparatus, Cathetometer, a Torsion Balance, a Spectroscope, a reading Telescope, a Barometer, a Young's Modulus apparatus, a D'Arsonval Galvanometer, standard resistance and standard cells. On the whole, the physics laboratory is equipped for a most thorough study of college physics.

THE CHEMICAL LABORATORY.

The Chemical Department occupies a part of the third floor of the Memorial Building. The laboratory is supplied with drawers and lockers, each desk equipped with water and heat. The laboratory is equipped with several accurate balances, Spectroscope, Barometer, several large hoods, gas generator, and all apparatus needed for thorough work in the courses offered.

THE BIOLOGICAL LABORATORY.

The Biological Laboratory is situated on the first floor of the Memorial Building, and is equipped with tables and cases containing mounted birds, echinoderms, sponges, preserved specimens of animals and plants, fruits and wood; an exceptionally complete collection of mosses, both native and foreign; an aquarium, a germinating tray, and a breeding case. The department is supplied with a complete line of microscopic slides for the three branches of biology: botany, zoology, and human physiology. There are compound and simple microscopes of the best make, and other apparatus for histological work, such as micrometers, camera lucida, microtome, paraffine bath with thermo regulator, stains, reagents, and glassware. Individual tables are provided the student, where he has his own apparatus with which to work. The slides made become the property of the student.

THE MINERALOGICAL LABORATORY.

The Department of Geology and Mineralogy is located in the Herman Herzer Museum and in the adjoining rooms which are used as laboratories. The material at the disposal of the student consists of excellent rock specimens, minerals, ores, and several thousand fossils, a large conchological collection, coral and sea-grasses, topographic maps and folios, Ohio and National Geological Surveys and reports.

ASTRONOMICAL EQUIPMENT.

The Department of Astronomy is supplied with a four-inch refracting telescope, sextant, planetarium, constellation finder, spectroscope, and aneroid and mercurial barometers.

ADMINISTRATION AND ORGANIZATION.

PURPOSE.

German Wallace College was incorporated for the definite purpose of advancing Scientific Education and Biblical Christianity. It is the object of this institution to impart information and to develop correct habits of observation and meditation. The College affords students a good general education and thorough preliminary training to enable them to enter upon professional courses. While it is not the object of this institution to prepare them for special occupations or professions, a special effort is made to adjust the college work in such a manner and to offer courses of such a nature as to enable students to prepare themselves for the position of teachers and for the accomplishment of any kind of work the Christian Church has undertaken to do. The department of religious instruction (Nast Theological Seminary) and the department of education offer special courses with this purpose in view. Two other departments of the College (commerce and music) tend to prepare students for a specific life work. However, in all courses offered by these departments general education is especially emphasized. The developing of the highest type of Christian manhood and womanhood by the inculcation of correct religious conceptions and by the development of character and culture is deemed to be of the highest importance. No college can consider that its work is done when the intellectual faculties have been trained. The cultivation of the spiritual life and the development of character is fully as essential as the training of the mind. The college must educate the young people for all the responsibilities that life may bring to them.

GOVERNMENT.

The fact is recognized that the college is not a penal institution. Students must learn to control themselves if they desire to become leaders of their fellow-men. For that reason every effort is made to train students in such a manner that their conduct makes discipline unnecessary. Wherever discipline is needed it is administered impartially and with firmness. Every student admitted to the College is expected to obey the rules and regulations and to conduct himself with propriety, to develop studious habits, to be respectful to the Faculty, and courteous to his fellow-students. Students who are found guilty of disorderly conduct will be subject to such discipline as the case merits. Hazing is strictly forbidden, also the organizing or joining of secret societies and the visiting of public places of pleasure, especially those where liquor is sold. Chapel attendance is compulsory, and students are expected to attend Church services regularly.

STUDENTS' ASSEMBLY.

The student body meets for the purpose of organizing early in the year. They elect their officers: President, Vice-President, and Secretary. These officers, together with one representative of each student organization, form the Student Senate and serve as a committee which acts as the agency of the Student Assembly for the purpose of considering matters referred to it by the Faculty or the President of the College and making recommendations to the student body. The Student Assembly thus serves as an agency by which the student sentiment may be expressed to the management of the College.

LEAVE OF ABSENCE.

Students are not permitted to leave Berea during the school year without special permission of the professors in charge of

the dormitories. Absence from chapel and classes are reported daily to the President, and excuses can be granted to students by him only. Students who are absent from the classroom more than three times during one semester may be dropped from that particular class. Frequent absences from chapel lead to suspension.

THE RELIGIOUS LIFE AT GERMAN WALLACE.

The founders of German Wallace were men of definite religious convictions and unswerving faith in Christianity. Religious training is a matter of supreme importance, and education is incomplete without it. The College, therefore, stands for broad and thorough scholarship and the highest moral and religious life. Its ultimate purpose is Christian character and Christian education; for an education without character tends to antagonize the higher interests of mankind, and to serve base and selfish ends.

A healthy moral atmosphere pervades all phases of our College life. We regard the religious life as the most important factor of the institution.

New students are welcomed at incoming trains by reception committees of the Young Men's and Young Women's Christian Associations. Members of these committees are always ready to acquaint new students with their new conditions and assist them in every possible way.

The College opens with a chapel service, and from the first day on students and professors meet daily in the chapel for a religious service. Under the strain of preparation and recitations all need the spiritual stimulus and inspiration of the daily chapel service. Chapel attendance is required of all students.

The regular Sabbath services are of high order. Every possible effort is put forth to make them attractive and spir-

itually helpful. Students have the opportunity to study the plans and methods of a well-equipped and well-managed Sunday school. The Student Bible Classes of the Sunday school, conducted by the professors, are organized, having their own officers. The Epworth League offers splendid opportunities for the cultivation of the spiritual life and the exercise of religious activities. Students are required to attend at least one preaching service each Sunday. Every student indicates at the beginning of the year the Church preferred, and is expected to attend that Church regularly.

The Sunday morning prayer meeting, at 7:30, conducted by the students, is a live and helpful service.

The regular Thursday evening prayer meeting is well attended by the students and serves as a spiritual uplift.

On Friday evening a class meeting is held, conducted by one of the professors of Nast Theological Seminary. This meeting is especially arranged in the interest of those students who intend to enter the field of Christian activities.

The aggressive religious life of the institution finds its best expression in the activities of the Young Men's Christian Association and the Young Women's Christian Association. More than ninety per cent. of the students are members of these organizations. The regular meetings on Saturday evening, at 6:30, are wholesome and inspiring. These meetings are conducted by the professors and students. Occasionally outside talent is called in: noted men of different professions, missionaries, Y. M. C. A. and Y. W. C. A. secretaries, etc., delivering helpful and inspiring lectures.

A special feature is the organization of classes for the study of the Bible. They are conducted under the direction of competent leaders.

Prayer Circles are organized. Many observe "The Morning Watch" as the best time for devotions and Bible study.

Mission Study Bible Classes are organized and many improve the opportunity of securing a thorough knowledge of the great world movements as manifested in the missionary activities of the past and present.

The Volunteer Band aims to awaken an active and personal interest in foreign missions and to prepare its members for service in the foreign field. In recent years students have gone forth from German Wallace to active Christian work in China, India, Turkey, Africa, South America, Russia, Germany, Switzerland, and Austria.

All teaching at German Wallace is from the Christian point of view.

The College offers an exceptional large number of optional courses in Bible and religion. They are essential factors in the liberal culture of men and women of our century.

SOCIAL LIFE.

It is recognized that the social life of the college is a valuable part of the student's training. Special care is taken to make this part of college life helpful and interesting. The social events are largely in the hands of the students. The literary societies, Y. M. C. A., and Y. W. C. A. give occasional receptions. The College classes and other organizations of the institution also arrange social events. A wholesome atmosphere prevails in the institution. The social life of the College is enjoyable and advantageous.

ATHLETICS.

The physical education and athletics form an important feature of college life at German Wallace. All students are required to take work in physical training under competent instructors for men and women. Students are subjected to a careful physical examination and exercises are prescribed ac-

cording to their special need. Students are also encouraged to take physical exercise outside of the regular classes. The director of athletics is always ready to render service or advice. Outdoor sports, baseball, tennis, track and other field athletics are encouraged and teams are regularly organized. Basket ball is the favorite game during the winter months. The athletic activities of the College are under the management of the Athletic Board with Faculty representatives. This board is subject to the Faculty Committee on Athletics. A gymnasium fee is required of each student, which gives him the use of a private locker, physical examination, and all the privileges of the gymnasium. Students who are below grade are not permitted to compete in any intercollegiate contest.

LIVING EXPENSES.

Every effort is made by the College authorities to reduce expenses to a minimum. For this reason dormitories are maintained by the College, and a boarding club is organized by the students, under the supervision of the Faculty.

Living Expenses for Men.—The men's dormitory is a large three-story building, provides rooms for one hundred students, and has boarding accommodations for a much larger number. The hall is in charge of a professor, who has supervision over the students. Application for admission should be made early to the office and must be accompanied by a deposit of $5.00, without which no room will be reserved. In case a deposit is made and the office is notified before August 15th that the engagement of the room should be canceled, the deposit is returned, but in no case thereafter. The building is heated by hot water and lighted by electricity. Each room is furnished with bed, mattress, table, chairs, bureau, and wash stand. Towels, sheets, pillows, blankets, and toilet articles are provided by the student. Prices of rooms range for semester of

eighteen weeks from $11.25 to $18.00. This charge includes light, heat, and water. See rules for men's dormitory on page 23.

The necessary expenses for one year (exclusive of clothing, traveling, and laundry) are as follows:

Tuition and incidental fees (laboratory fees excepted)	$40 00
Books	10 00
Board (from $85 to $100)	90 00
Room (furnished from $22.50 to $36)	22 50
	$162 50

To this may be added about $50.00 for general expenses.

Living Expenses for Women.—The women students live in Dietsch Dormitory. The hall is in charge of a competent dean, who carefully considers the needs of the residents. Application for admission should be made early and should be accompanied by a deposit of $5.00, without which no room will be reserved. This engagement may be canceled before August 15th. In no case will the deposit be returned if notification is received after this date. The rooms are heated by steam, lighted by electricity, and have all modern improvements. They are furnished with bedsteads, springs, mattresses, table, chairs, bureau, and wash stand. Other articles students provide for themselves. The price of rooms in this dormitory range, depending on size and location, per semester of eighteen weeks from $11.25 to $27.00. These prices include light, heat, and water. A deposit of $3.00 from each student is required to cover breakage or damage. Provisions are made for laundry work in the basement of the dormitory. The laundry rooms are at the disposal of the lady students without any special charge excepting for fuel and electricity. The young ladies who board in the students' boarding club can meet all expenses, tuition, incidentals, books, board, room rent (exclusive of clothing, traveling, and laundry) by about $200 per year.

BOARDING CLUB.

The students of German Wallace College have organized a Boarding Club in order to secure board at the lowest price possible. The College management has supervision of the club, but the students elect their own officers, hire their cooks, and regulate all business affairs. All proceeds are managed by their treasurer. By this arrangement the students have the choice of their menu and have succeeded in furnishing good, substantial board for about $2.00 to $2.25 per week.

SELF SUPPORT AT GERMAN WALLACE.

Many young men and women have a desire to attend college and secure a good education, but have not the necessary means to meet the financial obligations. We have a large number of students who are earning their expenses in whole or in part. Abundant opportunities are open to those who are willing to fulfill the conditions. A number preparing for the ministry serve as pastors of Churches in the vicinity of Berea; others find employment as carpenters, tinners, barbers, bakers, gardeners. Still others do clerical work in the office, take care of lawns, press clothes, wait on tables, serve as janitors of the various college buildings, tend furnaces, do ironing and help with housework and various other employments in the city. Thus some earn as much as $80.00 and $100.00 during the college year. During the summer vacation they canvass for books, work on farms or at their trades, and thus earn enough money to carry them through the year. At German Wallace no student suffers in the estimation of his fellow students from the fact that he is poor and must work to meet expenses.

In order to help needy students solve the financial problem the Y. M. C. A. maintains a labor bureau, which co-operates

with the Faculty committee on student assistance. Any determined student with health and average ability can work his way through German Wallace and in addition acquire the ability of working his way successfully through life.

LOAN FUNDS, SCHOLARSHIPS AND PRIZES.

There are three funds from which students can secure assistance:

1. The Conference Fund. This is open to theological students only. The money paid out of this fund is not a loan, but a gift given upon the condition that a student will enter one of the three Conferences which contribute to this fund, and that he remain in connection with one of these Conferences at least five years.

2. The Educational Society of the Methodist Episcopal Church makes an annual appropriation to German Wallace College, which the College can loan to needy students who are members of that denomination. Students can secure from $25.00 to $100.00 a year. The loans are without interest, and do not become due until two years after the student leaves College.

3. There are additional funds to assist needy students. The interest drawn from these is distributed in the form of prizes and scholarships. No tuition is charged students who own a perpetual scholarship or students who present an order from the owner of such a scholarship. A perpetual scholarship is sold by the Board of Trustees to persons who contribute at least $200.00 to the Endowment Fund of the College; also time scholarships for $30.00, $50.00, and $100.00.

STUDENT ORGANIZATIONS.

Fraternities and sororities are not permitted at German Wallace College.

1. LITERARY SOCIETIES. There are four literary societies connected with the College; three for men: the Germania, the Schiller, the Goethe; and one for ladies: the Philomathean. They afford an excellent means for practice in public speaking, and with very rare exceptions the students join one or the other of them.

Each society numbers among its ex-members and alumni men who have become eminent in the various professions.

Professors serve as critics in rotation—a circumstance rarely met with in other colleges. Thus each society has a new critic every semester.

The rooms of the societies are provided by the College, but are well furnished through the liberality of the members and friends. The societies have their regular meetings on Monday evening. Occasionally they give public entertainments.

2. YOUNG MEN'S CHRISTIAN ASSOCIATION. The Young Men's Christian Association is the center of the religious life of the students. Devotional meetings are held every Saturday evening. Good speakers are secured to address the students. Classes are organized for Bible Study and Mission Study. These classes meet on different evenings during the week, under the direction of good leaders chosen from the ranks of the upper class men. Good courses are offered for study. A committee is appointed which maintains a bureau of self-help for students seeking employment. This committee is in touch with business men and has been able to meet every demand.

A neat handbook is issued by the Christian organizations which gives valuable information to all students.

The boys will meet all new students at the depot if you will inform the President of the College of the time of your arrival at Berea.

3. The Young Women's Christian Association. The Young Women's Christian Association is of incalculable value to the College. The weekly meetings are very instructive and inspiring.

The Sunday morning prayer-meetings, two Bible classes, and one Missionary class were conducted under the auspices of the organization. The aim of the association is to aid the proper social life among the young women, to bring each member in close relationship with God, and to extend a welcome to every young woman who enters German Wallace College.

4. The Student Volunteer Band. This organization is maintained to awaken the spirit for mission work among the students, and to fit its members, as far as possible, for service in the foreign field. Annual contributions for missions are administered for the support of mission work in foreign countries. A goodly number of young men and young women who formerly were members of the Volunteer Band are now working in foreign fields.

5. Der Theologische Verein. This society is organized and maintained by young men who expect to enter the ministry of the German Methodist Church. The purpose of the society is to discuss, under the direction of the members of the Faculty of Nast Theological Seminary, topics of value and importance to ministers. The German language is to be used in these meetings for the purpose of developing the knowledge of German among those young men who will in the future supply the pulpits of German Churches.

6. Athletic Association. Athletics of the College are under the control of the Athletic Association. One member

of the Faculty is also a member of the Board of the Athletic Association. While all business transactions are managed by this board, it is nevertheless governed by certain rules and regulations adopted by the Faculty.

7. Student Assembly. All students meet for the purpose of organizing early in the year. They elect their officers: president, vice-president, and secretary. These officers, together with one representative of each student organization, form a committee which acts as the agent of the student body for the purpose of considering matters referred to it by the Faculty or the President of the College and making recommendations to the student body.

8. The "Bereaner" Staff.—This staff is composed of representatives of the four College classes. The editor is appointed by the President of the College. The "Bereaner" staff has charge of the publication of the "Student Section" of *The Bereaner.*

9. The Choral Union.—The Choral Union was organized to study the oratorios and cantatas of the great masters. All capable students are admitted as members of the Choral Union. A few of the works given by this organization are Händel's "Messiah" and "Samson;" Haydn's "Creation" and "Seasons;" Mendelssohn's "St. Paul," "Hymn of Praise," "Christus," and "42d Psalm;" Cowen's "Rose Maiden," and Gounod's "Redemption."

PUBLICATIONS.

The Bereaner is the monthly publication of the College. Its chief aim is to bring topics of interest to the friends of the College, as well as to discuss educational questions of importance to the general public. A special section of *The Bereaner* is edited by the students. The editorial staff is composed

of members of the four College classes, and the paper forms a leading feature of the literary and social life of the College.

THE COLLEGE CATALOGUE.—The College publishes a yearly catalogue in which a full description of the work of the institution is printed. The catalogue is sent free on application.

THE CONSERVATORY OF MUSIC BULLETIN.—A monthly publication in the interest of the Department of Music, sent free on application.

DEPARTMENT BULLETINS.—Three bulletins are published annually in the interest of special departments of the College, the Nast Theological Seminary, the Department of Commerce, and Music.

THEOLOGIE UND KIRCHE.—This pamphlet is published bi-monthly by the Faculty of Nast Theological Seminary, with the co-operation of leading men of the Methodist Episcopal Church and other denominations. The subscription price is $1.00 per year.

PUBLIC LECTURES.

Aside from the different lecture courses offered by several Churches of Berea, the College arranges for addresses and lectures to be delivered before the students. Members of the Faculty also occasionally deliver public lectures which are open to the student body. The Conservatory of Music offers a number of concerts and recitals which are very popular and largely attended by students and the public.

ALUMNI ORGANIZATION.

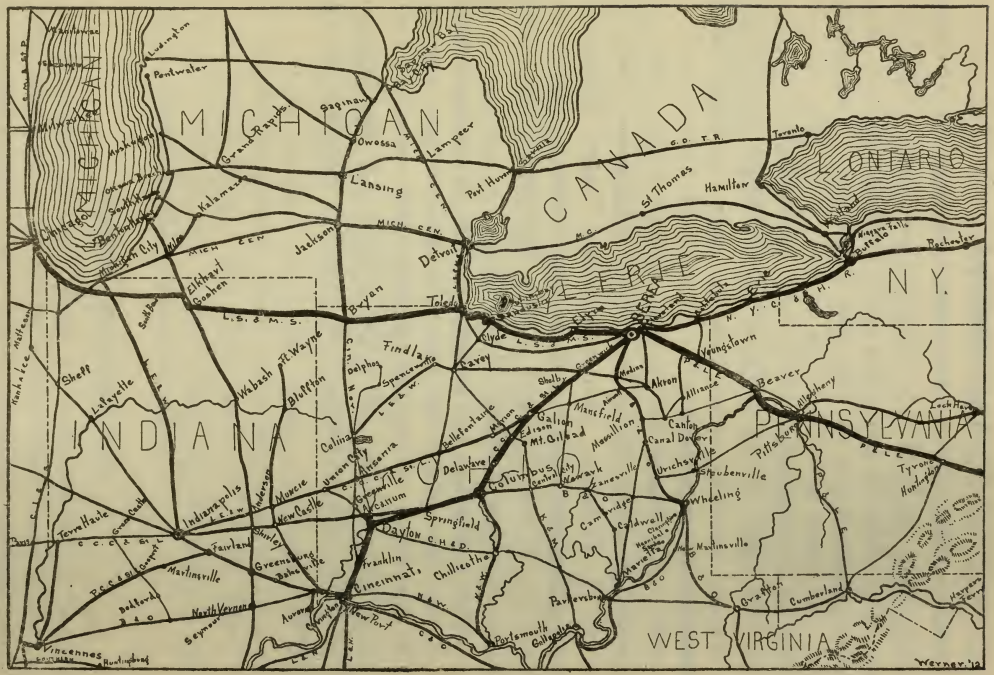
The alumni of the College are organized into a general society which elects its officers at the annual meeting during the Commencement week. Alumni meetings are held during the sessions of the patronizing Conferences and also in certain cities during the year.

CLASS OFFICERS.

Every student is placed in charge of a member of the Faculty appointed by the President to act as his class officer. All Freshmen come under the supervision of the President; the other class officers continue with the class until it graduates. The duty of the class officer is to advise the student of his class with relation to school matters and to watch the work of the student. He is to report to the President any deficiency of classroom work, and to receive reports from the teachers in whose classes the students are enrolled.

The class officers for the year 1913-1914 are: All new students, President Arthur L. Breslich; Sophomores, Professor Lewis H. Chrisman; Juniors, Professor Emory Unnewehr; Seniors, Professor Theodore Rodemeyer; Theology, Dr. C. W. Hertzler; Music, Professor Albert Riemenschneider; Commerce, Professor Reinhold Haubrich.

After registration and payment of fees, the students consult with the class officers concerning the studies of the semester. The class officer returns one card, the other serves as an admission card to classes and must be returned to the Registrar after it has been presented to the respective professors for signature.


MICHIGAN
CANADA
ONTARIO
INDIANA
OHIO
PENNSYLVANIA
N.Y.
WEST VIRGINIA
Detroit
Toledo
Cleveland
Buffalo
Rochester
Toronto
Hamilton
St Thomas
Lansing
Jackson
Grand Rapids
Saginaw
Bay City
Kalamazoo
Port Huron
Sarnia
Windsor
Niagara Falls
Fort Wayne
Findlay
Akron
Youngstown
Beaver
Pittsburg
Allegheny
Canton
Mansfield
Galion
Mt. Gilead
Columbus
Springfield
Dayton
Cincinnati
Indianapolis
Terre Haute
Richmond
Muncie
New Castle
Greensburg
Franklin
Martinsville
Vincennes
Portsmouth
Zanesville
Cambridge
Steubenville
Wheeling
Cumberland
Grafton
Marietta
Parkersburg
Chillicothe
Delaware
Sheffield
Lafayette
Logansport
Peru
Wabash
Bluffton
Celina
Van Wert
Sidney
Piqua
Troy
Xenia
Urbana
Mansfield
Orrville
Coshocton
Newark
Lancaster
Uhrichsville
Cadiz
Caldwell
Barnesville
Martins Ferry
Connellsville
Uniontown
Tyrone
Hollidaysburg
Loch Haven
Erie
Meadville
Titusville
Oil City
Franklin
Warren
Jamestown
Olean
Salamanca
Dunkirk
Fredonia
Ashtabula
Conneaut
Geneva
Painesville
Lorain
Elyria
Norwalk
Fremont
Sandusky
Port Clinton
Kendallville
Auburn
Angola
Goshen
Elkhart
Plymouth
South Bend
Michigan City
Valparaiso
Hammond
Whiting
Gary
Chicago
Kankakee
Watseka
Momence
Rensselaer
Monticello
Lafayette
Attica
Crawfordsville
Danville
Rushville
Shelbyville
Greenfield
Connersville
Richmond
Hagerstown
Portland
Decatur
Huntington
Wabash
Peru
Logansport
Kokomo
Marion
Anderson
Alexandria
Elwood
Tipton
Noblesville
Greenfield
Shelbyville
Seymour
North Vernon
Aurora
Lawrenceburg
Rising Sun
Madison
Jeffersonville
New Albany
Corydon
Salem
Paoli
Orleans
Bedford
Mitchell
Bloomington
Linton
Brazil
Clinton
Terre Haute
Effingham
Mattoon
Charleston
Paris
Danville
Champaign
Urbana
Bellefontaine
Kenton
Findlay
Fostoria
Tiffin
Bucyrus
Marion
Delaware
Sandusky
Port Clinton
Toledo
Detroit
Windsor
Sarnia
Port Huron
Lansing
Owosso
Flint
Pontiac
Mt. Clemens
Pontiac
Ludington
Manistee
Muskegon
Grand Rapids
Saginaw
Bay City
Midland
Alpena
Petoskey
Traverse City
Cadillac
Big Rapids
Reed City
Ludington
Manistee
Muskegon
Holland
Grand Haven
Kalamazoo
Battle Creek
Jackson
Ann Arbor
Ypsilanti
Dearborn
Detroit
Wayne
Plymouth
Northville
Milford
Howell
Brighton
Fenton
Flint
Lapeer
Port Huron
Sarnia
Windsor
Amherstburg
Leamington
Kingsville
Wheatley
Pelee Island
Lake Erie
Lake Huron
Lake Michigan
Lake St Clair
Detroit River
St Clair River
Niagara River
Welland Canal
Grand River
Thames River
Maumee River
Wabash River
White River
Ohio River
Kanawha River
Monongahela River
Allegheny River
Susquehanna River
Genesee River
Oswego
Syracuse
Utica
Rome
Oneida
Canandaigua
Rochester
Buffalo
Niagara Falls
Lockport
Batavia
Geneseo
Elmira
Corning
Hornellsville
Salamanca
Olean
Bradford
Kane
Ridgway
St Marys
Emporium
Renovo
Lock Haven
Williamsport
Sunbury
Lewisburg
Selinsgrove
Harrisburg
Carlisle
Chambersburg
Hagerstown
Martinsburg
Cumberland
Grafton
Fairmont
Clarksburg
Weston
Buckhannon
Elkins
Parkersburg
Point Pleasant
Huntington
Ashland
Ironton
Portsmouth
Gallipolis
Pomeroy
Middleport
Athens
Nelsonville
Logan
Lancaster
Zanesville
Cambridge
Caldwell
Barnesville
St Clairsville
Martins Ferry
Wheeling
Steubenville
Weirton
Follansbee
Beaver
Rochester
Aliquippa
Pittsburgh
McKeesport
Connellsville
Uniontown
Greensburg
Latrobe
Johnstown
Altoona
Tyrone
Hollidaysburg
Huntingdon
Mount Union
Lewistown
Mifflintown
Newport
Duncannon
Carlisle
Mechanicsburg
Harrisburg
Middletown
Lebanon
Reading
Pottsville
Shamokin
Sunbury
Williamsport
Lock Haven
Renovo
Emporium
St Marys
Ridgway
Kane
Bradford
Salamanca
Olean
Hornellsville
Corning
Elmira
Waverly
Binghamton
Owego
Ithaca
Cortland
Syracuse
Oswego
Utica
Rome
Oneida
Canandaigua
Rochester
Buffalo
Niagara Falls
Lockport
Batavia
Geneseo
Wayne
Weyner '12

THE COLLEGE OF LIBERAL ARTS.

THE COLLEGE.

GENERAL REGULATIONS.

THE COLLEGE YEAR.

The College year is divided into two semesters of eighteen weeks each. The first semester opens on the second Tuesday in September, and the second semester on the last Tuesday in January. The studies of the College have been so arranged that students may enter at the beginning of the second semester. It is advisable that those who wish to enter at this time should come early enough to make all arrangements for books, rooms, etc., before classes begin. There is one regular recess during the College year, the Christmas recess. Recitations close December 19th, at 4 P. M., and are resumed January 6th, at 7 A. M.

ADMISSION TO THE COLLEGE

Admission is by examination or by certificate from accredited schools.

The regular examinations for admission occur on the day preceding the beginning of the first and second semester.

Graduates of any school which has been approved by the Faculty may be admitted to the College without examination on the presentation of certificates giving their standings. These certificates must show in detail the studies pursued by the applicant in preparation for college, and should bear the recommendation of the principal.

Certificates should be sent by the principal direct to the Registrar as early as the 30th of August, in order that they may be examined and the student's classification determined

before the opening day of the college year. Delay and confusion will thus be avoided.

Certificates are accepted in lieu of examinations only in so far as the subjects correspond in quantity and quality to those prescribed for admission, or are their full equivalent. It is understood also that if the student is found, after a fair trial, to be so deficient in any study for which credit has been given him that he can not profitably continue in the class assigned, he may be remanded to such class in that subject as he is prepared to enter; but the classification to which his certificate admitted him is not changed.

Students may be admitted "conditioned" on three courses; but these conditions must be removed by the end of the fourth semester the student is in college.

All candidates for admission must present satisfactory testimonials of good moral character, and certificates of regular dismissal will be required from those who have been students in other colleges.

REQUIREMENTS FOR ENTRANCE.

Students are admitted to the College of Liberal Arts on the basis of units offered. A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work. This definition assumes that the length of the school year is from thirty-six to forty weeks, that a period is from forty to sixty minutes in length, and that the study is pursued for four or five periods per week. It further assumes that two hours of manual training or laboratory work is equivalent to one hour of class-room work. Subjects closely related and not having been pursued for an entire year may be combined so as to equal a whole unit, as Physiology, Zoölogy, etc. A subject coming three times a week for a year and a half may be counted as a unit.

Fifteen units are required for admission. Students offering for admission fifteen units which do not include at least two units of foreign language, if from an accredited high school or academy, will be admitted "conditioned." The language requirement for admission must, however, be made up before the beginning of the Junior year.

The following units are required of all students:

Nine specified units—

- 3 units of English.
- 2 units of one foreign language.
- 2 units of mathematics.
- 1 unit of social science, including history.
- 1 unit of natural science.

Two additional academic units.

One or both of these units must be advanced work to meet the requirement of a second major of three units.

Four units left as a margin for whatever work best meets the needs of the individual.

The nine specified units must be offered from the following courses:

Botany	½ to 1 unit
Chemistry	1 unit
Civics	½ unit
Commercial Geography	½ unit
Drawing	½ to 1 unit
Domestic Science	½ unit
Economics	½ unit
English Composition	1 unit
English Literature	1 to 3 units
French	1 to 4 units
German	1 to 4 units
Greek (Grammar, Lessons, and Anabasis)	2 units
Greek (Homer, Iliad)	1 unit
History	1 to 3 units
Latin (Grammar, Lessons and Cæsar)	2 units

Latin (Cicero)..... 1 unit
Latin (Vergil and Ovid)..... 1 unit
Manual Training..... ½ unit
Mathematics (Algebra)..... 1 unit
Mathematics (Advanced Algebra)..... ½ unit
Mathematics (Plane and Solid Geometry)..... 1 unit
Mathematics (Plane Trigonometry)..... ½ unit
Physics..... 1 unit
Physiography..... ½ to 1 unit
Physiology..... ½ unit
Psychology..... ½ unit
Theory and Art of Teaching..... ½ unit
Zoölogy..... ½ to 1 unit

Any other studies offered as entrance requirements must be passed upon by the committee on entrance credits.

SUBJECT OUTLINE OF REQUIREMENTS.

ENGLISH. THREE UNITS.

Preparation in English has two main objects: (1) command of correct and clear English, spoken and written; (2) ability to read with accuracy, intelligence, and appreciation.

Grammar and Composition. The first object requires instruction in grammar and composition. English grammar should ordinarily be reviewed in the secondary school; and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years. The principles of English composition governing punctuation, the use of words, paragraphs, and the whole composition should be carefully studied; and practice in composition, oral as well as written, should extend throughout the secondary school period. Written exercises may well comprise narration, description, and easy exposition and argument based upon simple outlines. It is advisable that subjects for this work be taken from the student's personal experience, general knowledge, and studies

other than English, as well as from his reading in literature. Finally, special instruction in language and composition should be accompanied by concerted effort of teachers in all branches to cultivate in the student the habit of using good English in his recitations and various exercises, whether oral or written.

LITERATURE. In the pursuit of the second object the student is required to read certain books chosen from two lists, headed respectively *Reading* and *Study*. In connection with both lists the student should be trained in reading aloud, and should be encouraged to commit to memory some of the more notable passages both in verse and in prose.

a. Reading.

The aim of this part of the requirement is to foster in the student the habit of intelligent reading and to develop a taste for good literature. He should read the books carefully, but his attention should not be so fixed upon details that he fails to appreciate the main purpose and the charm of what he reads.

The books to be read are arranged in the following groups, from which at least ten units are to be selected, two from each group:

1. The *Old Testament*, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther; the *Odyssey*, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; the *Iliad*, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; Vergil's *Aeneid*. The *Odyssey*, *Iliad*, and *Aeneid* should be read in English translations of recognized literary excellence.

For any unit of this group a unit from any other group may be substituted.

2. Shakespeare's *Merchant of Venice; Midsummer Night's Dream, As You Like It; Twelfth Night; Henry, the Fifth; Julius Caesar.*

3. Defoe's *Robinson Crusoe*, Part I; Goldsmith's *Vicar of Wakefield;* Scott's *Ivanhoe* or *Quentin Durward;* Hawthorne's *House of the*

Seven Gables; Dickens's *David Copperfield* or *Tale of Two Cities;* Thackeray's *Henry Esmond;* Mrs. Gaskell's *Cranford;* George Eliot's *Silas Marner;* Stevenson's *Treasure Island.*

4. Bunyan's *Pilgrim's Progress*, Part I; *The Sir Roger de Coverley Papers* in *The Spectator;* Franklin's *Autobiography* (condensed); Irving's *Sketch Book;* Macaulay's *Essays on Lord Clive* and *Warren Hastings;* Thackeray's *English Humorists; Selections* from Lincoln, including at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address, and the Letter to Horace Greeley, along with a brief memoir or estimate; Parkman's *Oregon Trail;* either Thoreau's *Walden*, or Huxley's *Autobiography* and selections from *Lay Sermons*, including the addresses on Improving Natural Knowledge, A Liberal Education, and A Piece of Chalk; Stevenson's *Inland Voyage* and *Travels with a Donkey.*

5. Palgrave's *Golden Treasury* (First Series), Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns; Gray's *Elegy in a Country Churchyard* and Goldsmith's *Deserted Village;* Coleridge's *Ancient Mariner* and Lowell's *Vision of Sir Launfal;* Scott's *Lady of the Lake;* Byron's *Childe Harold*, Canto IV, and *Prisoner of Chillon;* Palgrave's *Golden Treasury* (First Series), Book IV, with especial attention to Wordsworth, Keats, and Shelley; Poe's *Raven*, Longfellow's *Courtship of Miles Standish*, and Whittier's *Snow-Bound;* Macaulay's *Lays of Ancient Rome* and Arnold's *Sohrab and Rustum;* Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur;* Browning's *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *Hervé Riel*, *Pheidippides*, *My Last Duchess*, *Up at a Villa—Down in the City.*

b. Study.

This part of the requirement is intended as a natural and logical continuation of the student's earlier reading. Greater stress is laid upon form and style, the exact meaning of words and phrases, and the understanding of allusions. For this close reading are provided a play, a group of poems, an oration, and an essay, as follows:

For Students entering in 1913, 1914, and 1915:

Shakespeare's *Macbeth;* Milton's *L'Allegro, Il Penseroso,* and *Comus;* Burke's *Speech on Conciliation with America,* or Washington's *Farewell Address* and Webster's *First Bunker Hill Oration;* Macaulay's *Life of Johnson,* or Carlyle's *Essay on Burns.*

HISTORY—CIVICS—ECONOMICS.

Students may offer one or more of the following units of History, or History with Civics or Economics, or Civics and Economics.

Ancient History (Greek and Roman), 1 unit.

Modern History, some such text as Montgomery's English or French, 1 unit.

United States History, 1 unit.

Civics, ½ unit.

Economics, ½ unit.

MATHEMATICS.

1. ALGEBRA, 1 unit. The requirement in Algebra embraces the following topics: All elementary processes necessary for the solution of simultaneous equations of the first degree; the statement and solution of problems leading to these equations; treatment of inequalities; doctrine of square and cube root; theory of exponents; radicals and imaginaries; solution of quadratics and equations in quadratic form by the method of completing the square, by factoring, and by a formula; discussion of the properties of quadratics; quadratics containing two unknown quantities, and the solution of problems leading thereto; ratio and proportion; arithmetical and geometric progressions; binomial theorem for positive integral exponents.

2. INTERMEDIATE ALGEBRA, ½ unit. The following subjects or their equivalents: Indeterminate equations, undetermined coefficients, binomial theorem, theory of limits, logarithmic se-

ries, solution of equations by synthetic division with necessary theorems, and graphs of quantics, with rational, or with not more than two irrational or imaginary roots.

3. PLANE GEOMERTY, 1 unit. The requirement in Plane Geometry includes the theorems and exercises of the ordinary school text-book, mensuration of plane figures, and numerical problems based on the text. The candidate should be able to write formal demonstrations of simple original theorems.

4. SOLID GEOMETRY, as presented by the ordinary college text-books, ½ unit. Candidates must readily solve problems of solid mensuration and demonstrate original theorems which may be easily deduced from the text.

5. PLANE TRIGONOMETRY, as represented by the usual text-books, ½ unit. Candidates must be familiar with the theory and use of five-place logarithmic tables.

SCIENCE.

BOTANY, 1 unit. Should include a study of plant types and physiology of plants; at least half of the course should consist of laboratory work. Where less than a year's work is given Botany may be combined with Physical Geography and Physiology in making up a unit. Bergen's Elements of Botany, or Coulter's, covers what is desired for entrance.

CHEMISTRY, 1 unit. A year's work of descriptive Chemistry covering both metals and non-metals, divided about equally between the classroom and the laboratory. A careful record of experiments should be kept and presented for inspection at the time of examination. Some such text as Remsen's Introduction to the Study of Chemistry, with manual, suggests the work required.

PHYSICS, 1 unit. One year's work in elementary Physics. The work should be essentially that outlined in the requirements

of the North Central Association of Colleges and Secondary Schools, and is satisfactorily covered by the better text-books in elementary physics, supplemented by a laboratory course in elementary Physics. The laboratory note-book should be presented by candidates for admission.

PHYSIOGRAPHY, ½ unit. This course should include

1. Principles as presented in the best recent text-books.
2. Field study, with record of field trips recorded.
3. Ability to use topographic maps, weather charts, etc.

Where it is not possible to give a full year's work to this subject it may be combined with Botany and Physiology to make a unit.

COMMERCIAL GEOGRAPHY, ½ unit. The work covered in any good high-school text on Commercial Geography will be accepted.

PHYSIOLOGY, ½ unit. This course should include anatomy, physiology, histology of the human body, and hygiene. Some such text as Martin's Human Body, Briefer Course, may be considered as a guide.

ZOÖLOGY, 1 unit. From three to four laboratory periods for one year should be given this subject. The student must dissect ten or more types from different branches of the animal kingdom, reporting his work with drawings and descriptions. Lectures or text-book work on classification and general Zoölogy must be a part of the work. Kellogg's or Herrick's Elementary Zoölogy will suggest the work required.

LATIN.

FOUR UNITS.

1. LATIN GRAMMAR. Any standard Latin Grammar, including Prosody.
2. Cæsar, Gallic War, Books I-IV.

3. Cicero, six orations.

4. Vergil, Æneid, I-VI.

5. Latin composition and translation into Latin of a passage of English prose.

6. Students will be tested in reading easy Latin at sight.

GREEK.

TWO UNITS.

1. GREEK GRAMMAR. Any standard Greek Grammar, including Prosody.

2. Xenophon's Anabasis, four books.

3. Homer's Iliad, three books.

4. Greek Prose Composition. Pronunciation according to written accents.

5. Students will be tested in reading easy Greek at sight.

GERMAN.

The admission requirements in German are those recommended by the Modern Language Association of America.

1. The first year's work should comprise careful drill upon pronunciation, memorizing of easy colloquial sentences, drill upon the rudiments of grammar, easy exercises, designed not only to fix in mind the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; the reading of from 75 to 100 pages of text; constant practice in translating into German easy variations upon sentences selected from the reading lesson and in reproducing from memory sentences previously read. 1 unit.

2. The second year's work should comprise the reading of 150 to 200 pages of literature in the form of easy stories and plays, practice in translating into German the substance of short

and easy selected passages, and continued drill upon the rudiments of grammar. 1 unit.

3. The work should include, in addition to the two courses above, the reading of about 400 pages of moderately difficult prose and poetry, with constant practice in giving, sometimes orally and sometimes in writing, abstracts, paraphrases, or reproductions from memory of selected portions of the matter read; also grammatical drill upon the more technical points of the language. 1 unit.

FRENCH.

The admission requirements in French are those recommended by the Modern Language Association of America.

1. The first year's work should include careful drill in pronunciation, in the rudiments of grammar, abundant easy exercises designed to fix in mind the principles of grammar, the reading of 100 to 175 pages of graduated text with constant practice in translating easy variations of the sentences read, and writing French from dictation. 1 unit.

2. The second year's work should comprise the reading of 250 to 400 pages of easy, modern prose in the form of stories, plays, or historical with biographical sketches; constant practice in translating into French easy variations upon the texts read; frequent abstracts, sometimes oral and sometimes written, of portions of the text already read; writing French from dictation, and continued grammatical drill with constant application in the construction of sentences. 1 unit.

3. Advanced courses in French should comprise the reading of 400 to 600 pages of French of ordinary difficulty, a portion in the dramatic form; constant practice in giving French paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness, and the writing from dictation. 1 unit.

ADVANCED CREDIT.

Any student who wishes advanced credit for work done in secondary schools, in addition to the fifteen units required for entrance, must take an examination on the study for which he desires credit. If he succeeds in the examination, he will be given as many hours of college credit as the subject was credited in the secondary school. Students who have taken part of their work in other institutions of college rank will be admitted to advanced standing on the basis of the certificates of standings they present. Such persons must bring with them letters of honorable dismissal and testimonials of good character.

ACCREDITED SCHOOLS.

Graduates from high schools which have been accredited will be admitted without examination in the courses for which credit is given. Certificates should be forwarded by the principal of the high school in which the student has taken his work, giving a detailed statement of his studies and standings. Blanks for this purpose can be secured by writing to the registrar. Students from academies or from high schools outside the State will be admitted by presenting standings equal to the entrance requirements, provided such schools are accredited at the State University of the State in which they are located. In such cases, however, the Faculty reserves the right to examine and reclassify the student if his work in this institution shows defective preparation.

FEES.

The regular charges per semester are as follows:

Tuition	$5 00
Incidentals	15 00
Graduating Fee	5 00
Certificate (Theology and Commerce)	3 00

Gymnasium Fee (admits to all games)	$1 50
Library	1 00
Examinations not taken at the regular time	1 00
Physics	3 00
Chemistry	5 00
Botany	3 00
Advanced Physiology	3 00
Biology	3 00
Minerology	3 00
Astronomy	1 00
Surveying	2 00

Students holding a scholarship are exempt from the payment of tuition in all courses except those in Music and the short courses in the Department of Commerce.

All payments must be made before students are admitted to classes.

No credit is given on books and supplies furnished by the College.

FEES OF GRADUATE STUDENTS: Candidates for the Master's degree pay the regular semester fees; *i. e.,* tuition $5.00 and incidentals $15.00 per semester. In addition to this a diploma fee of $5.00 is charged.

FEES IN NAST THEOLOGICAL SEMINARY: The charges in this department are the same as those in the College.

FEES IN SCHOOL OF MUSIC: See General Information under "School of Music" in this catalogue.

FOR BOARDING EXPENSES AND ROOM RENT IN DORMITORIES, see "General Information" in this catalogue.

REGISTRATION.

Registration takes place at the office of the Registrar the day preceding the beginning of recitations. The student receives two cards from the Registrar. After having registered, the

student must pay all fees in advance (excepting laboratory fees). The Treasurer will sign the cards, and then the respective class officers will assign the studies to be pursued. The class officer retains one card, the other is countersigned by the class officer and becomes an admission card to the classes. No teacher will enroll a student in his class unless this card is presented, signed by the Treasurer and class officer. This card must be returned to the Registrar after having been signed by the teachers in whose classes the student is enrolled.

The student must leave with his class officer a list of credits from secondary schools or colleges, unless they were previously sent to the President or Registrar. These will be recorded and returned through the office of the Registrar.

REGULATION OF CLASS-ROOM WORK.

No student will be admitted to the Freshman class who has more than three units of entrance deficiency.

No student will be advanced to the higher class who has more than five hours deficiency of a year's standing.

Students are expected to take at least fifteen hours class-room work. No student is permitted to take more than eighteen hours classroom work.

Required studies can not be postponed, nor is it permitted to take a study ahead of the class without special permission of the class officer.

Students who are absent from recitations more than three times during one semester, without legitimate excuse, may be dropped by the professor in whose class the absence occurs. Three unexcused absences reduce the final standing one grade.

A professor has the privilege to drop any student from his list whose behavior is objectionable.

A student who is absent from a test or examination will not receive a grade until such test or examination has been

taken. For this he must pay a fee of $1.00, unless he can show that he was detained by sickness.

Excuses for absences from the classroom must be obtained from the President.

All students are required to take two hours of physical culture weekly.

Each unexcused absence on the days preceding or immediately after vacations reduces the final standing one grade.

EXAMINATIONS.

Written examinations in all courses are held at the close of each semester. Two hours are given for all courses. Students whose semester standing is A may be excused from written examinations by the professor with the exception of those who have been absent more than three times during the semester.

Students who are conditioned in the work of any course are entitled to one delinquent examination for the purpose of removing the condition. Students who by special permission of the professor or for some other reason except sickness take examinations at any other than the specified time must first pay the Treasurer a fee of $1.00. No professor is permitted to give any special examination except upon presentation of the receipt for such payment.

THE GRADING SYSTEM.

In determining a student's rank, the combined marks of daily recitations, quizzes, articles, and reports count as two-thirds, and the final examination as one-third in the standing for the semester. Students whose daily grade is below 60 are not permitted to take final examinations. In case, however, a student has been permitted by the Faculty to be absent from regular recitations for any sufficient cause his grade may be determined by examination alone.

The following is the system of grade:

A+ 95–100	C 70–75
A 90–95	D ..... Incomplete
B+ 85–90	E (Conditioned) 60–70
B 80–85	F (Failed) ..... below 60
C+ 75–80	

The letter D signifies that the grade is withheld since the work of the course has not been fully completed. Unless the work is brought up and a grade reported within ten weeks of the beginning of the next semester, the grade becomes E, and is so recorded.

E signifies a condition. The student who has a condition must pass a second examination in the subject to obtain credit. He may pass this examination at any of the regular examination periods within six months of the date of his being conditioned. Otherwise E is changed to F.

F signifies failure, the student receiving no credit for the course. If it is a required study he must take it again in class. If it is an elective, he must either take it again or take some other course in its place. Students who receive F will in no case be permitted to take another examination. Absence from quizzes or examinations, unless excused, is equivalent to F. At the end of the first half of each semester students who have received a mark of less than C in their daily work will receive a notification from the Registrar.

Teachers are required to report at the first Faculty meeting each month all students in their classes whose grade is below C.

Members of the Senior class are required to make up all deficiencies before the tenth week of their last semester.

CONSULTATION HOURS.

In order to be as helpful to students as possible each teacher has two or more consultation hours each week, at which time

he will be pleased to meet students and talk with them about the work they are doing in his department, or any other matters on which they may wish his counsel. Students are urged to avail themselves of this privilege, since thus they can come to know their instructors more intimately and receive from them assistance of much value. Perhaps nothing is more beneficial in college life than the student's contact with teachers of wide learning and high ideals of moral and religious character. The consultation hours will be announced at the beginning of each semester.

HONORS IN SCHOLARSHIP.

Honors in scholarship may be obtained by members of the graduating class by special excellence in their work.

Seniors will be graduated with the honors *cum laude* and *summa cum laude.* Students who during their Junior and Senior years have maintained an average grade of at least 90 (A) will be graduated *cum laude.* Seniors who during the last two years have maintained an average grade of at least 95 (A+) will be graduated *summa cum laude.*

DEGREES.

The College offers several groups of studies leading to the Bachelor's degree. Students who complete the Science group receive the degree of Bachelor of Science (Sc. B.); those who complete any of the other groups receive the degree of Bachelor of Arts (A. B.).

Graduate work may be pursued leading to the degree of Master of Arts (A. M.). This degree will be conferred upon students who successfully complete at least one year's work of advanced non-professional studies.

Students who after having graduated from the Classical-

Theological Course complete at least two years' work of advanced studies in Nast Theological Seminary will receive the degree of Bachelor of Divinity (B. D.).

CLASSIFICATION OF STUDENTS.

Students are classified on the basis of entrance requirements.

College Students.—Students who meet the entrance requirements are classified as college students. They may be conditioned on three units. These conditions must be met before the Junior year. No student will be classified as Junior unless he has met all of the requirements for entrance in the Freshman and Sophomore year.

Sub-Freshman Students.—Students who do not meet the entrance requirements sufficiently to be entered as college students are classified as Sub-Freshman. They will not be permitted to take work in college classes except in very rare cases when special permission is given by the Faculty.

Irregular Students.—Students of the college or sub-freshman students who do not take the work regularly required of them are classified as irregular students. If they have met the entrance requirements they will be classified as irregular students of the College. In case they have not met the entrance requirements they will be classified as irregular students of the sub-freshman department.

Irregular students are not candidates for any College degree. They pay the same fees and are subject to the same rules and regulations as students regularly enrolled.

REGULATIONS OF ENTERTAINMENTS.

Students who desire to give entertainments, social, athletic, or otherwise, before making any contracts or engagements must present plans to the Faculty Committee on Entertainments,

and no engagement shall be made without the approval of such committee. Students whose standing in any study is below C may be debarred from participation in public functions.

Students are not permitted to participate in any public functions with the exception of those which are sanctioned by the Faculty.

GRADUATION.

Students who are candidates for a Bachelor's degree will receive this degree on the fulfillment of the following conditions:

1. They must have completed at least one hundred and twenty semester hours, not including physical culture.

2. All conditions must be removed at least two months before graduation.

3. The required graduation fee must be paid and all other financial obligations must be met.

THE COURSES OF STUDY.

THE GROUP SYSTEM.

The arrangement of courses as given below is a combination of the "Elective System" and the "System of Fixed Courses." Opportunity for specializing is given in the Junior and Senior years. The choice of electives must be made under the supervision of the class officer.

Students may specialize in the work offered in any of the departments of the College, including the School of Music and the Departments of Commerce and Theology. Thus the student receives a special training in a subject in which he is particularly interested upon the basis of studies which are regarded essential to a broad and liberal culture.

THE UNIT DEFINED.

The semester hour is the unit used in securing the number of hours of credit which each course gives. By semester hour is meant one recitation or class exercise per week in a study continuing during a semester. Students are required to take fifteen semester hours per semester (not including physical culture or military drill) for full work, or thirty hours per year. One hundred and twenty units entitle the student to graduation.

REQUIREMENTS AND ARRANGEMENT OF COURSES.

The courses offered in the College of Liberal Arts are divided into five groups from which the students must select their work according to conditions outlined for every course. (See page 69 for special vocational studies.)

All deficiencies must be made up during the Freshman and Sophomore years.

Students preparing for the teaching profession are advised to select sufficient electives in Education to enable them to secure a teacher's certificate. (See Department of Psychology, Philosophy, and Education, and courses for prospective teachers in the other departments of the College.)

The class officer directs the student in the choice of his studies. The names of the class officers for the year 1913-1914 are: Freshmen, President Breslich; Sophomores, Professor Chrisman; Juniors, Professor Unnewehr; Seniors, Professor Rodemeyer.

GROUP I. Ancient Languages and Literature (Classical Course).

Requirements: The student should enter with at least three years of high-school Latin. Otherwise this deficiency must be made up during the first two years in College. Electives may be chosen from any department of the College (including Music, Commerce, Theology) under the direction of the class officer.

This group offers the best opportunity to specialize in Ancient Languages, but other subjects may be chosen for major study.

GROUP II. Ancient Languages and Literature, and Theology (Classical-Theological Course).

Requirements: The student should enter with at least two years of foreign language (either Latin or Greek). This course is especially arranged for those who intend to enter upon ministerial or missionary work. Electives must be chosen for major study from courses offered in the Theological Department.

GROUP III. Modern Languages and Literature (Modern Language Course).

Requirements: The student must enter with at least three years of foreign language (either German or French). Other-

wise this deficiency must be made up during the first two years in College.

This course offers excellent opportunity for specializing in Modern Languages, Political Science, Philosophy, or History. Electives may be chosen from any department of the College.

GROUP IV. Mathematics and Science (Science Course).

Requirements: The student must enter with at least two years of foreign language. Besides that he must have had a full unit in Physics or Chemistry.

This course is arranged for those who desire to specialize in Mathematics or Sciences. Electives must be chosen for major study from courses in Mathematics or Sciences.

GROUP V. Modern Languages and Literature, and Commerce (Course in Commerce).

Requirements: The student must enter with at least two years of foreign language.

Electives must be chosen for major study from courses in Commerce and Political Science.

In the following arrangement the required studies are outlined, together with the number of hours or units. The electives are chosen under the supervision of the class officer at the beginning of the Junior year.

GROUP I. ANCIENT LANGUAGES AND LITERATURE.

CLASSICAL COURSE.

FRESHMAN.	SOPHOMORE.	JUNIOR.	SENIOR.
Hours.	Hours.	Hours.	Hours.
Latin.....3	Greek.....3	Greek.....3	Ethics }
Greek.....4	German.....3	Logic..... }	Christian } 3
German..3 or 4	Science.....4	Psychology } 4	Evidences.. }
English.....2	History.....3	Sociology.... }	Electives.
Mathematics..3	English.....3	Economics... } 3	
Bible.....2	Bible.....2	Electives.	
18	18		

GROUP II. ANCIENT LANGUAGES AND LITERATURE, AND THEOLOGY.

CLASSICAL-THEOLOGICAL COURSE.

FRESHMAN.	SOPHOMORE.	JUNIOR.	SENIOR.
Greek.....4	Greek.....3	German Lit...3	Philosophy...3
German.....3	German.....3	Sociology....3	Ethics.....3
English.....2	English.....3	Economics...3	Evidences...3
History.....3	Hebrew.....3	Hebrew.....2	Electives.
Science.....4	Logic.....4	N. T. Greek..2	
Bible.....2	Psychology..4	Electives.	
	Bible.....2		
18	18		

GROUP III. MODERN LANGUAGES AND LITERATURE.

MODERN LANGUAGE COURSE.

FRESHMAN.	SOPHOMORE.	JUNIOR.	SENIOR.
French.....4	French.....3	French.....3	Ethics.....3
German.....3	German.....3	German Lit...3	Christian Evidences..3
English.....2	Logic.....4	Sociology....3	
Mathematics..3	Psychology..4	Economics...3	Electives.
Science.....4	English.....3	Electives.	
Bible.....2	History.....3		
	Bible.....2		
18	18		

GROUP IV. MATHEMATICS AND SCIENCES.

SCIENCE COURSE.

FRESHMAN.	SOPHOMORE.	JUNIOR.	SENIOR.
Chemistry or Physics.....4	Logic.....4	Biology.....3	Geology.....4
Mathematics..3	Psychology..4	History.....3	Ethics.....3
English.....2	Chemistry....4	Sociology....3	Christian Evidences.3
German.....3	Mathematics..3	Economics...3	Electives.
French.....4	English.....2	Electives.	
Bible.....2	French.....3		
	Bible.....2		
18	18		

GROUP V. MODERN LANGUAGE AND LITERATURE, AND COMMERCE.

COMMERCE COURSE.

Freshman.		Sophomore.	
French or German	4	French or German	3
English	2 or 3	Phys. and Econ. Geography	3
Mathematics	3	Business Administration	3
History	3	Science	4
Business Administration	3	Commercial Law / Money and Banking	3
Bible	2	Bible	2
	18		18

Junior.		Senior.	
Literature	2	Logic / Psychology	4
Economics / Sociology	3	Ethics / Christian Evidences	3
Spanish	4	Spanish	3
Electives.		Electives.	

PREPROFESSIONAL AND TECHNICAL COURSES.

A large number of colleges have in recent years introduced professional or technical courses in order to meet the great demand of our day in this direction. We are convinced that this lies more in the line of work of a large university than a college.

It is, however, a recognized fact that young men who desire to choose a course in professional or technical studies must also have a general fundamental training in order to be successful in their future work and to meet the obligations that society places upon them.

On the other hand, it is also true that a large university with its unlimited resources can do much better work along this line than a college. It is practically a hopeless task for a college to try to compete with a large university in courses like Engineering, Medicine, Law, Agriculture, etc.

Universities and technical schools realize the importance of a general education and therefore require at least two years

of regular college work in connection with all professional and technical courses. In fact the time may be very close at hand when universities and professional or technical institutions will require a full collegiate education before they will admit students to their courses. It is, to say the least, the earnest desire of the presidents of these institutions and their eventual aim.

It is also very important to note that the environment of a good college is much more conducive to the development of character and culture. Young men and young women who graduate from high schools are too young to be thrown into the temptations of university life, where proper individual supervision is practically impossible.

We therefore realize that the college ought to prepare these students for their university work, and they should either graduate from the college and then enter the university, or they should at least spend two years in a well-equipped college and then continue their work in a university or professional school.

After two years of college life a student is more matured, and will not only be stronger in character, but better equipped generally to enter upon his work in the university.

We therefore have made arrangements by which students who desire to take up professional or technical courses may, after the completion of the following two-year courses, enter the larger universities and technical or medical institutions and receive recognition for their work toward their degree.

Many students are desirous of shaping their courses in such a way as to secure both collegiate and professional degrees. German Wallace College grants the A. B. degree to students who, after having pursued three years of regular collegiate work in this institution, complete a year's work in a university, professional, or technical school. By this arrangement these students can graduate with their class.

STUDIES PREPARATORY TO THE PURSUIT OF DEFINITE VOCATIONS.

These groups of studies are recommended for those desiring to prepare themselves for the particular vocations named:

1. ARCHITECTURE.

Freshman Year.	Sophomore Year.
Mathematics (Trigonom.)	Mathematics (Analytics)
English	English
French or German	French or German
Mechanical Drawing	Descriptive Geometry
General Chemistry	General Physics
History	Geology

2. DOMESTIC SCIENCE.

Freshman.	Sophomore.
Music	Music
English	English
Foreign Language	Foreign Language
History	Economics
Chemistry	Chemistry
Physical Training	Physical Training

3. ENGINEERING.

Freshman Year.	Sophomore Year.
Mathematics (Trigonometry, Surveying, and Analytics)	Mathematics (Differential and Integral Calculus)
English	English
French, German, or Spanish	French, German, or Spanish
General Chemistry	General Physics
Mechanical Drawing and Descriptive Geometry	Geology and Astronomy
	Qualitative and Quantitative Analysis

FORESTRY, AGRICULTURE, AND HORTICULTURE.

FRESHMAN.	SOPHOMORE.
Botany, Dendrology, and Agriculture	Plant Morphology, Anatomy, and Physiology
General Physics	General Chemistry
Mathematics	Mathematics
Language Continued	Language Continued
New Language	Geology and Astronomy
English	
Bible	

JOURNALISM.

FRESHMAN.	SOPHOMORE.
English	English or American Literature
Economics and Sociology	Political Science
Commercial Law and Economic Geography	Stenography and Typewriting
History	Logic and Psychology
Language Continued	Education
New Language	Language Continued

LAW.

FRESHMAN.	SOPHOMORE.
Commercial Law and Civics	Public Finance and Taxation
English	Logic and Psychology
Economics and Sociology	Public Speaking and Literature
Trigonometry or College Algebra	Language
Language (Foreign)	Political Science
History of England and Continental Europe	Education

MEDICINE OR DENTISTRY.

FRESHMAN.	SOPHOMORE.
Biology	Chemistry
Advanced Physiology	Logic and Psychology
Physics	Language
English	Advanced Biology
Language Continued	English
New Language	Economics and Sociology

TEACHING.

FRESHMAN.	SOPHOMORE.
English	English and American Literature
Language Continued	Language Continued
New Language	Logic and Psychology
Science and History of Education	History
Agriculture and Another Science	Pedagogy
Mathematics	Drawing or Music

Commerce, Consular, and Civil Service.

(See College Course in Commerce, page 69.)

DEPARTMENTS OF INSTRUCTION.

A. ANCIENT LANGUAGES.

I. GREEK. (CLASSICAL AND NEW TESTAMENT GREEK.)

PROFESSOR RODEMEYER AND PROFESSOR BRESLICH.

1*a*. FIRST YEAR. "Gleason and Atherton" is used as text-book. Four hours a week for the first semester. Professor Rodemeyer.

1*b*. FIRST YEAR GREEK. The grammar work is continued. Selections from Xenophon will be read, and Greek composition will be carried on throughout this semester. Four hours a week for the second semester. Professor Rodemeyer.

2*a*. SECOND YEAR GREEK. Xenophon and Greek composition are continued. Three hours a week for the first semester. Professor Rodemeyer.

2*b*. SECOND YEAR GREEK. Lysias' orations and Greek composition. Three hours a week for the second semester. Professor Rodemeyer.

3. HOMER'S "ILIAD." Book I and selected portions of other books. Required as third-year Greek of students taking the Classical course (1913). Three hours a week for the first semester. Professor Rodemeyer.

4. HOMER'S "ODYSSEY." Book I and selected portions of other books. This course alternates with Course 3. Required as third-year Greek of students taking the Classical course (1914). Three hours a week for the first semester. Professor Rodemeyer.

5. PLATO. Apology, Crito. Three hours a week for the second semester (1913). Professor Rodemeyer.

6. The Attic Orators. Demosthenes' "De Corona," with selections from other rhetoricians. Three hours a week for the second semester (1914). Professor Rodemeyer.

7. Greek Historians. Herodotus, Thucydides. Three hours a week for the first semester (1913). Professor Rodemeyer.

8. Greek Drama. Sophocles' "Antigone," Euripides' "Medea." Three hours a week for the first semester (1914). Professor Rodemeyer.

9. Greek and Roman Mythology. Lectures on Greek and Roman Mythology open to all students of the College. Two hours a week for the first semester. Professor Rodemeyer.

10. Theory and Practice of Teaching Greek. Lectures and practice work. One hour a week for the second semester. Professor Rodemeyer.

11. The Gospels. A critical study of the Gospel of John, followed by rapid readings in other Gospels. Required as third-year Greek of students taking the Classical-Theological course. Elective for students who have a working knowledge of Greek. Two hours a week for the first semester. Professor Breslich.

12. The Writings of Paul. Required as third-year Greek of students taking the Classical-Theological course. Elective for students who have a working knowledge of Greek. Two hours a week for the second semester. Professor Breslich.

II. HEBREW.

Professor Breslich.

Hebrew is introduced to accommodate students preparing for the ministry. This course is also recommended to students who make languages their major. The relation of Hebrew

to other Semitic languages is pointed out and a special study of Hebrew names, customs, and the political and religious life of the Hebrew nation is made. The German language is used in the classroom.

1. First Year Hebrew. This course embraces Harper's "Introductory Method and Manual" and Harper's "Hebrew Elements." A thorough study is made of the Hebrew verb, composition work is carried on all through the second semester, and about ten chapters of Genesis are translated. Three hours a week for the year.

2. Second Year Hebrew. Selections from Genesis, Deuteronomy, and Psalms, on the basis of Hebrew syntax. In the first semester, review of Hebrew grammar. Two hours a week for the year.

3*a*. Third Year Hebrew. Selections from the Prophets. A thorough study of the Hebrew religious and political life is carried on. Open to students who have completed Courses 1 and 2. Two hours a week for the first semester.

3*b*. Third Year Hebrew. Selections from Psalms, Job, and Ecclesiastes. Special emphasis is placed upon the study of Hebrew poetry. Two hours a week for the second semester.

III. LATIN.

Professor Rodemeyer and Mr. Wesley.

1. First Year Latin. A course covering the elements of Latin and a reading of selected portions of "Viri Romæ." Four hours a week for the year. Only two hours' college credit. Mr. Wesley.

2. Second Year Latin. Cæsar and Prose Composition. Four hours a week for the year. Only two hours' college credit. Mr. Wesley.

3. CICERO. This course covers the reading of six orations. Three hours a week for the year. Professor Rodemeyer.

4. VERGIL. Six books of the "Æneid" are read. Three hours a week for the year. Professor Rodemeyer.

5. LIVY. Selections from various books. Cicero, "De Amicitia." Three hours a week for the first semester. Professor Rodemeyer.

6. CICERO, "De Senectute;" Tacitus' "Germania." Three hours a week for the second semester. Professor Rodemeyer.

7. HORACE, "Satires and Epistles." Three hours a week for the first semester. Professor Rodemeyer.

8. SUETONIUS. Selected lives are read. Two hours a week for the second semester. Professor Rodemeyer.

9. ADVANCED PROSE COMPOSITION. One hour a week for the second semester. Professor Rodemeyer.

10. GREEK AND ROMAN MYTHOLOGY. Lectures on Greek and Roman Mythology open to all students of the College. Two hours a week for the second semester. Professor Rodemeyer.

11. THEORY AND PRACTICE OF TEACHING LATIN. Lectures and practice work. One hour a week for the second semester. Professor Rodemeyer.

B. BIBLE, ETHICS, AND EVIDENCES.

PROFESSORS BRESLICH AND JORDAN.

1. PRINCIPLES OF ETHICS. The growth of moral ideas in the development of civilization and the relation of ethics to philosophy and ethical principles in individual, political, and social life are considered. Three hours a week for the first semester. Professor Jordan.

2. Evidences of Christianity. Arguments in proof of claims of Christianity are carefully considered. The principal systems of doubt are analyzed. Lectures and library work. Three hours a week for the second semester. Professor Jordan.

3. Apologetics. Two hours a week for the year. This course is given in German. Professor Jordan.

4. Philosophical and Christian Ethics. Two hours a week for the year. A course in German. Professor Jordan.

5. Comparative Religions. Three hours a week for the year. Professor Jordan.

6. Sacred History. These courses aim to impart a thorough knowledge of the historic content of the Bible. Although a text-book is used, the Bible is made the chief object of study and the prime source of information. These courses are given in German and English.

a. Sacred History of the Old Testament. Two hours a week for the year. Required in all courses in the Freshman year. Professor Breslich.

First Semester: The Primitive Age; the Patriarchs; the Israelites up to the Conquest of Canaan; the Period of the Judges; the Kings of Israel.

Second Semester: The Prophets; the Exilic Period; the Reconstruction Period; Hebrew Poetry; the Jews during the Hellenistic Epoch.

b. Sacred History of the New Testament. Two hours a week for the year. Required in all courses in the Sophomore year. Professor Breslich.

First Semester: The Life and Times of Jesus according to the Gospels.

Second Semester: The History and Literature of the Apostolic Period.

C. BIOLOGICAL SCIENCE.

PROFESSOR SPECKMANN.

1. BOTANY. A study of the structure of plants, their classification, the local flora, the recognition of all groups, and the determination of species. An herbarium, drawings, and notebook work are required. Three hours a week for the second semester.

2. GENERAL BIOLOGY. A course in the outlines and practical studies of biology presupposes a knowledge of elementary botany and zoölogy. Lectures and laboratory work. Drawings required. Three hours a week for the year. Professor Speckmann.

3. ADVANCED BOTANY. Plant Morphology, Physiology, and Ecology. A critical study of the form, structure, behavior, and external relations of plants. Field trips for recognizing and collecting material. Three hours a week for the year. Professor Speckmann.

4. PLANT HISTOLOGY. A study of apparatus and the use of reagents and stains, the principles and methods of killing, fixing, imbedding, sectioning, staining, and mounting. The slides which are prepared become the property of the student. Two hours a week for the first semester. Professor Speckmann.

5. TEACHING OF SCIENCE. This course includes the following topics: the function of science in education; the selection, organization, and use of material; the methods to be used, etc. One hour a week for the second semester. Professor Speckmann.

6. ZOÖLOGY. The leading purpose of this course is to make clear the subject-matter of the science, its principal subdivisions with examples of each. The work consists of lectures, field trips, laboratory work, and drawings. An excellent col-

lection of mounted birds is at the disposal of the class for study. Three times a week for the first semester.

7. PHYSIOGRAPHY. Physiographic processes of the earth in general and the United States in particular. The original and present conditions of the interior and the crust of the earth. Four hours a week for the first semester of 1914.

8. GENERAL GEOLOGY. This course gives a survey of dynamical, structural, and historical geology, and of minerals, rocks, and fossils. The excellent collection of specimens in the Herman Herzer Museum is made use of, and excursions to points of interest are made. Class recitations or lectures four hours a week for the first semester. Professor Speckmann

9. MINERALOGY. A laboratory course in analyzing and identifying the common minerals and rocks. Two hours a week for the second semester. Professor Speckmann.

10. AGRICULTURE. A course in the principles of agriculture pertaining to plants, soil, domestic animals, dairying, farm machinery, etc. Three hours a week for the second semester of 1914.

D. ENGLISH LANGUAGE AND LITERATURE.

PROFESSOR CHRISMAN.

1. RHETORIC A. Rhetorical principles are thoroughly reviewed by means of a text-book. Prose masterpieces are carefully studied and analyzed. Weekly themes are required. Special attention is given to description and narration. Two hours a week for the first semester. Required of Freshmen. Professor Chrisman.

2. RHETORIC B. Exposition and argumentation are studied intensively. Illustrative literature is read in the classroom and furnishes models for constant practice in written work. Private consultations are held for the purpose of eradi-

cating individual faults. Two hours a week for the second semester. Required of Freshmen. Professor Chrisman.

3 and 4. ENGLISH LITERATURE. This course consists of a study of English literature and its development. A text-book is used, accompanied by supplementary lectures, but the principal part of the course is the reading of representative works of the different periods. The connection between the national life and literature is emphasized. The object of the course is to develop an appreciation of the best in literature. Three hours a week for the year. Required of Sophomores. Professor Chrisman.

5. AMERICAN LITERATURE. A study is made of the history of American literature in relation to the social and political development of the country. The text is supplemented by lectures, classroom discussions, and written reports. Two hours a week for the second semester. Elective. Professor Chrisman.

6. LITERARY CRITICISM. The principles of literary criticism are studied with reference to their application in English literature. Every important phase of the subject is illustrated by the study of examples from English poetry. The essential problems of criticism are considered, and an attempt made to determine the grounds of literary judgment. Two hours a week for the first semester. Elective. Professor Chrisman.

7. ENGLISH DRAMA. Lectures are given on the development and technique of the drama. Several of Shakespeare's plays are carefully studied. Considerable attention is given to the pre-Shakespearean and the modern drama. Two hours a week for the first semester. Elective. Professor Chrisman. Not given 1913-14.

8. ENGLISH BIBLE. This course lays special emphasis on the literary qualities of the Bible. The recognized forms of literature are traced: poetry, dramatic and lyric; oratory, nar-

rative, and also the forms of prose peculiar to the Scriptures. Two hours a week for the second semester. Elective. Professor Chrisman. Not given 1913-14.

9. Victorian Poetry. In this course most of the representative poetry of the Victorian Period is read and discussed. Attention is paid primarily to subject matter and interpretation of life, although poetic form and beauty are not neglected. Special emphasis is laid upon the poetry of Browning and Tennyson. Two hours a week for the first semester. Professor Chrisman.

10. Theory and Practice of Teaching English. A course for prospective teachers. One hour a week for the second semester. Professor Chrisman.

11 and 12. Victorian Prose. Emphasis is laid upon the thought development of the nineteenth century. The authors to whose teachings and influence special study is given are Emerson, Carlyle, Newman, Ruskin, Arnold, and Stevenson. Two hours a week for the year. Elective. Professor Chrisman.

13. Advanced Composition. For those students who wish further work in exposition, description, and narration. This will include practice in writing criticisms, editorials, news items, and short stories. Some attention is paid to gathering and arranging material for compositions of considerable length; the subjects of these will be drawn from work which the student is carrying on either in this department or in any other department of the College. Frequent conferences are held with the instructor. Open to Juniors and Seniors, and to approved Sophomores. Two hours a week for the year. Professor Chrisman.

14. Forms of Public Address. The aim is to give practical training in the preparation and delivery of the kinds of

addresses which educated men are most frequently called upon to give. Eulogies, after-dinner speeches; political, commemorative, and academic addresses are among the forms in which drill is given. Two hours a week for the first semester. Elective. Professor Chrisman.

15. Debating. A thorough and systematic training is given in the art of debating. The principles of argumentation are studied and applied. Great argumentative masterpieces are read and analyzed. Two hours a week for the second semester. Elective. Professor Chrisman.

16. Oratory. Fifteen great English orations are studied in connection with their historical setting and their bearing upon the problems of life. Original work on the part of the student is constantly required. The purpose of the course is to teach the art of composing for the hearer as distinguished from the reader—of constructing the oration as distinguished from the essay. Two hours a week for the first semester. Elective. Professor Chrisman. Not given in 1913-14.

17. Public Speaking. A theoretical and practical study of the nature of public speech. Weekly exercises in declamation are required. Work in extemporaneous speaking is given for the purpose of cultivating a simple, direct, and effective manner. Two hours a week for the second semester. Elective. Professor Chrisman. Not given 1913-14.

E. HISTORY.

Professor Burr and Miss Akins.

1. French Revolution. A study of the causes, development, and results of the political and social upheaval of 1789-95. Offered in 1913. Two hours a week for the first semester.

2. History of the Middle Ages. A survey of the history of Europe from the barbarian inroads to the close of the

thirteenth century. Offered in 1913. Two hours a week for the first semester.

3. History of the United States. Attention will be given to the period 1850-65, tracing the cause of the downfall of the institution of slavery up to the close of the Civil War. Offered in 1913. Two hours a week for the first semester.

1*a*. The Napoleonic Era. The events, military, political, and social, of the years 1796-1815, of European history. Offered in 1913. Two hours a week for the second semester.

2*a*. Modern Europe. The close of the Middle Ages, the Renaissance, the Reformation, and the evolution of the Europe of 1913. Offered in 1913. Two hours a week for the second semester.

3*a*. History of the United States. A critical study of Reconstruction, the industrial development of the period 1865-1913, including the national expansion incident to the Cuban War. Offered in 1913. Two hours a week for the second semester.

4. Constitutional Law. A study of the Constitutional history of the United States. Offered in 1914. Two hours a week for the first semester.

5. The American Revolution. A detailed study of the causes and the events of the rise to independent Statehood of the United States. Offered in 1914. Two hours a week for the first semester.

6. History of England. The early history down to the Restoration, with special emphasis on constitutional development. Offered in 1914. Two hours a week for the first semester.

4*a*. International Law. Lectures on the principles of International Law, closing with a study of the Diplomacy of the United States. Offered in 1914. Two hours a week for the second semester.

5*a*. History of Germany. A survey of the events leading to the establishment of the Empire in 1871, with a statement of the present relation of Germany to other world powers. Offered in 1914. Two hours a week for the second semester.

6*a*. History of England. A broad survey of the conditions which have produced the British Empire—from 1660 to the present. Offered in 1914. Two hours a week for the second semester.

7*a*. Ancient History. A general survey of the history of the ancient world, including the Oriental nations, Greece, and Rome. Text-books, lectures, and collateral reading. Three hours a week for the first semester. Miss Akins.

7*b*. Medieval History. A general survey of the history of Europe from the barbarian invasion to the close of the fifteenth century. Lectures, collateral reading, and topics. Three times a week for the second semester. Miss Akins.

8. History of Commerce. Three hours a week for the year. See Commerce Course. Miss Akins.

9. Current History. This course has for its aim the discussion of the significance of passing events in the world's history. It aims to arouse interest in the student's mind in the value of the present history, and to point the way to better interpretation of what is taking place before our eyes. One hour a week for the year. Miss Akins.

10. Church History. Five hours a week for the year. See Nast Theological Seminary. Professor Riemenschneider.

11. Mythology. Two hours a week for the second semester. See Department of Greek and Latin. Professor Rodemeyer.

12. History of Music. Two hours a week for the year. See Department of Music. Professor Albert Riemenschneider.

13. History of German Literature. Three hours a week for the year. See Department of German Language and Literature. Professor Berr.

F. MATHEMATICS AND ASTRONOMY.

*PROFESSOR .....

1. INTERMEDIATE ALGEBRA. Theory of Quadratics, Ratio and Proportion, Progressions, and Graphs. Three hours a week for the first semester.

2. SOLID GEOMETRY. Besides the demonstration of theorems and the solution of originals, the construction of several solids is required. Those students who have not received entrance credit in Solid Geometry will be expected to take this course three times a week during the second semester.

3. TRIGONOMETRY. Plane and Spherical. This course is fundamental for advanced mathematical study. Emphasis is placed upon accurate and systematic computation and the application of trigonometry to practical problems. Required of all Freshmen except those taking the Classical-Theological course. Three hours a week for the year.

4. COLLEGE ALGEBRA. This course is based upon a thorough knowledge of Courses 1 and 2. The chief topics treated are permutations and combinations, binomial theorem, probability, series, logarithms, determinants, and theory of equations. Required of all students taking the Science course. Two hours a week for the year.

5. PLANE SURVEYING. Principles and methods of surveying are studied. The construction, use, and adjustment of the principal instruments are taught. Considerable time is devoted to field work. Land and city surveying, drainage, grading, and other ordinary problems of surveying are taken up. Open to students having completed Course 6. Three hours a week for the second semester.

6. ANALYTIC GEOMETRY. Both plane and solid analytical geometry are included in this course. Loci, co-ordinates, conic sections, general equations of the second degree, and some of

*To be elected.

the higher plane curves are treated. Attention is given to plotting algebraic and transcendental curves. Required of students taking the Science course. Five hours a week for the first semester.

7. Calculus. Differential and Integral. Variables and functions, theory of limits, differentiation, applications to geometry and mechanics, maxima and minima, curvature, etc. Integration as the inverse of differentiation is developed side by side with the latter. Five hours a week for the year.

8. Mechanical Drawing. This course includes the use of drawing instruments, plane problems, inking, projection, sections, lettering, and tracing. Ten plates are required each semester. Three hours a week for the first semester.

9. Descriptive Geometry. The work consists of the representation of orthographic and spherical projections, shades and shadows, linear perspective, and isometric projections. About twenty plates are given for solution and construction. Five hours a week for the second semester.

10. General Astronomy. A historical and descriptive course as outlined in Young's "Manual of Astronomy." The use of instruments, methods of observation, and the principal constellations are taught. The principal heavenly bodies are viewed through the telescope. Four hours a week for the second semester.

11. History and Teaching of Mathematics. Open to Juniors and Seniors, especially those who intend to teach Mathematics. A study of text-books and methods. One hour a week for the second semester.

G. MODERN LANGUAGES.

I. FRENCH. (LANGUAGE AND LITERATURE.)

Professor Wilker and Professor Ficken.

1. First Year French. Grammar, reading, composition, and oral exercises. Considerable attention is paid to pronunci-

ation. Four hours a week for the first semester. Professor Ficken.

2. First Year French. Grammar and composition continued, reading of modern French prose. Four hours a week for the second semester. Professor Ficken.

3. Second Year French. Selections from modern and classic literature; the Romantic School; Victor Hugo's "Ruy Blas" or "Hernani;" De Bornier's "La Fille de Roland;" Daudet's "Lettres de mon Moulin;" Mérimée's "Colomba;" Sand's "La Mare au Diable;" "French Lyrics" (Bowen); Racine's "Athalie;" Molière's "Le Bourgeois Gentilhomme;" composition; dictation. Three hours a week for the year. Professor Ficken.

4. Advanced French.

a. Advanced composition and review of grammar. Two hours a week for the first semester. Professor Wilker.

b. Reading of difficult modern French, with literary criticism and lectures on the authors read. Two hours a week for the second semester. Professor Wilker.

c. Scientific French. Herdler's "Scientific Reader" or other works of similar character will be introduced. This course is required of students taking the Scientific course. Three hours a week for the year. Professor Wilker.

d. French Conversation. This course is open to all students who have had French 2. Two hours a week for the year. One hour credit. Professor Wilker.

e. Rapid Sight Reading. This course is open to all students who have had French 1. Two hours a week for the year. Professor Wilker.

f. Theory and Practice of Teaching French. One hour a week for second semester. Professor Wilker.

5. French Literature. An elementary course given as introduction to more extended study of special periods. Only

the main currents of the literature and the writers will be studied. Reading will be done in and out of class. Two hours a week for the year. Professor Wilker.

6. FRENCH LITERATURE. From the Renaissance to the Revolution. Lectures with collateral reading. One hour a week for the year. Professor Wilker.

7. FRENCH LITERATURE. The Classic Drama. One hour a week for the first semester. Professor Wilker.

8. FRENCH LITERATURE. French Prose Writers. One hour a week for the second semester. Professor Wilker.

II. GERMAN. (LANGUAGE AND LITERATURE.)

PROFESSOR WILKER, PROFESSOR BERR, PROFESSOR FICKEN.

1*a*. FIRST YEAR GERMAN. Grammar, composition, and oral exercises. Special attention is paid to the correct pronunciation, and the German language is made, as far as possible, the language of the class. Reading of easy selections such as "Glück auf," "Immensee," "Höher als die Kirche," and others. Four hours a week for the year. Professor Ficken.

2*a*. SECOND YEAR GERMAN. Constant review of German grammar, practice in conversation in connection with composition. The text-book used for composition is Bernhardt's "German Prose Composition." Several of the following will be read: Fouqué's "Undine;" Grillparzer's "Die Ahnfrau;" Baumbach's "Der Schwiegersohn;" Schiller's "Tell" or "Die Jungfrau von Orleans;" Lessing's "Minna von Barnhelm." Other books may be added or substituted. Each student is required to write at least one essay for each semester. Open to students who have completed 1*a* or 1*b*. Four hours a week for the year. Professor Ficken.

1*b*. FIRST YEAR GERMAN. Grammar, reading, orthography, and composition. This course is arranged for those students who have a speaking and reading knowledge of German,

but are not familiar with the grammar. Lyon's "Handbuch der deutschen Sprache" is used as text-book. Four hours a week for the year. Professor Wilker.

2*b*. SECOND YEAR GERMAN. Continuation of Lyon's Grammar, the study of syntax combined with "Stilistik," reading of German classics, and advanced composition writing. This course is open to students who have completed Course 1*b*. Professor Wilker.

2*c*. Rapid Sight Reading. Two hours a week for the year. One hour credit. Professor Berr.

3. THIRD YEAR GERMAN. Composition work continued and authors read.

a. Freytag's "Soll und Haben," "Die Ahnen," or Heine's "Die Harzreise." Three hours a week for the first semester. Professor Ficken.

b. Selections from the Ballads and Lyrics. Three hours a week for the first semester. Professor Ficken.

c. Schiller's "Wallenstein" complete, and "Maria Stuart." Three hours a week for the second semester. Professor Ficken.

d. Goethe's "Hermann und Dorothea" and selections from "Dichtung und Wahrheit." Three hours a week for the second semester. Professor Ficken.

e. Scientific German. Required of students taking the Science course. Three hours a week for the year. Professor Ficken.

f. German Conversation. This course is open to students who have had German 2. One hour credit. Two hours a week for the year. Professor Ficken.

4. FOURTH YEAR GERMAN. Advanced composition, rapid sight reading and conversation. Three hours a week for the year. Professor Ficken.

5. THEORY AND PRACTICE OF TEACHING GERMAN. One hour a week for the second semester. Professor Ficken.

6. LITERATURE. The following courses are given in German:

a. Schiller. Introduction to the study of his life and selections from his works. Three hours a week for the first semester. Professor Berr.

b. Lessing. Introduction to the study of his life and selections from his works. Three hours a week for the second semester. Professor Berr.

c. Heine. Introduction to the study of his life and selections from his works. This course alternates with 5*a*. Three hours a week for the first semester. Professor Berr.

d. Hebbel. Introduction to the study of his life and selections from his works. This course alternates with 5*b*. Three hours a week for the second semester. Professor Berr.

e. Goethe. A study of his life and selections from his works. Two hours a week for the first semester. Professor Berr.

f. Modern German Dramatists. Hauptmann, Ludwig, Sudermann, Grillparzer, and others. Two hours a week for the second semester. Professor Berr.

g. Modern German Novelists. Scheffel, Freytag, Keller, and others. This course alternates with Course 6*f*. Two hours a week for the second semester. Professor Berr.

h. General History of German Literature from 350 to 1625. Three hours a week for the first semester. Professor Berr.

i. General History of German Literature from 1625 to the present time. Three hours a week for the second semester. Professor Berr.

7. KUNST DER REDE. A course is offered to students who expect to enter the German ministry. Weekly exercises in declamations are required. Two hours a week for the year. Professor Berr.

IV. SPANISH. (LANGUAGE AND LITERATURE.)

PROFESSOR WILKER.

1. FIRST YEAR SPANISH. Grammar and Reader. Four hours a week for the year.

2. SECOND YEAR SPANISH. Selections from Spanish literature. Composition, dictation, sight reading. Three hours a week for the year.

3. SPANISH FOR STUDENTS TAKING THE COMMERCE OR SCIENCE COURSE. Conversation, composition, commercial correspondence. Two hours a week for the year. Open to students who have completed 1 and 2.

4. SPANISH LITERATURE. Reading of authors. Lectures. One hour a week for the year. Open to students who complete Course 1.

H. MUSIC.

See Page 118 for Faculty and Courses.

The study of Music as a part of a general education and as an essential factor in the composition of a college course is beginning to receive more attention than in past years.

The work in Music offered in German Wallace College is given by the Faculty of the Conservatory of Music which is connected with the College. The standards of instruction are very high.

Students taking work in the Conservatory receive credit for their work toward their college degree not exceeding thirty semester hours. Credit for practical work in music to the extent of ten semester hours will be granted to students who are graded higher than the fourth grade (See outline of work in Department of Music, page 121).

HISTORY OF MUSIC. Development and analysis of the progress of music from the primitive forms in use among the Babylonians, Egyptians, Hebrews, etc., up to the very latest

modern development in the art of music. Two hours a week for the year.

HARMONY AND ANALYSIS. A two-year course from the rudiments of theory to the writing of chorals, modulations, harmonic analysis, and form analysis of every description. Each course two hours a week for the year.

COUNTERPOINT, CANON, AND FUGUE. A two-year course in the writing and composing of works in all of the polyphonic forms. Each course two hours a week for the year.

EAR TRAINING AND CHORAL CLASS. Training in the elements of music and sight singing. One hour a week for the year.

I. PHILOSOPHY AND EDUCATION.

PROFESSOR C. RIEMENSCHNEIDER.

Preparation for the work of a teacher rests upon the foundation of a sound general education obtained during the first two years of college work. Very naturally during these two years the student will begin to direct his study along certain academic lines until by the beginning of the Junior year his tastes and capacities will enable him to focus his attention more directly upon those subjects, preparation for the teaching of which is contemplated. The plan of this work involves a considerable concentration of professional study during the Junior and Senior years. In addition to the courses in education, this professional training includes courses within the selected academic departments especially adapted to the professional needs of students preparing to teach.

Psychology and Philosophy are taught in both German and English.

1. PSYCHOLOGY, INTRODUCTORY COURSE. The main facts and laws of mental life, with particular attention to their arrangement in a scientific system. The course aims to provide

a sound foundation for further acquaintance with this and allied subjects, for an improved judgment in dealing with many practical problems of life, and for beginning the study of philosophy. Four hours a week for the second semester.

2. Introduction to Philosophy. This course aims to help the student to realize the fundamental truths in each system of thought and to free their minds from the dogmatism of common life. It is not only a study of theories, but it concerns itself with practically every problem of life. Literature, history, and economics can hardly be fully mastered until the principles of philosophy have been applied. Three hours a week for the year.

3. General History of Philosophy. This course embraces a general survey of Ancient Medieval Philosophy. Three hours a week for the first semester.

4. History of Modern Philosophy. This course is a continuation of Course 3. Special attention is paid to the period of German Rationalism and Idealism, also to the prominent English philosophers. Three hours a week for the second semester.

5. Logic. An elementary course in Logic and Methodology. Logical analysis and argument, and the methods of scientific investigation are treated. The fallacies of common thinking are pointed out. Four hours a week for the first semester.

6. Principles of Education. A summary of present educational theory and practice. After an introductory consideration of the method and material of educational theories, the aim of education is defined and illustrated at length. Much time is devoted to a study of high-school problems, educational psychology, curricula, and general methods. The texts are supplemented by parallel reading. Three hours a week for the first semester.

7. History of Education. A study of the physical, moral, and intellectual development of mankind, including man's efforts to realize his ideals through systems of education. A critical study is made of the theories of Comenius, Locke, Rousseau, Pestalozzi, Herbart, and modern educators. Three hours a week for the second semester.

8. Methods of Education. An elementary course in the organization, management, and teaching of elementary schools. This course is given for the accommodation of students who desire to make teaching their life work, and especially for those who intend to enter upon the teaching in public schools. An effort is made to make this work of a very practical nature. Two hours a week for the year.

K. PHYSICAL EDUCATION.

Mr. Norton and Miss Akins.

Especial attention is given to outdoor work, mainly in the form of baseball and track athletics. In this the effort is made to secure the greatest possible benefit for all students. Classes for basketball and other gymnastic games are organized, and every effort is made to further outdoor sports, such as cross-country running and walking, tennis, rowing, swimming, etc.

Regular work is given in the gymnasium, which has excellent floor space and adequate equipment. All students are required to take physical training.

Each student undergoes careful physical examination and tests upon entering the department and at the beginning of each semester. Suitable corrective exercises are prescribed for individual cases, and anthropometric charts are platted. Each student is furnished with a handbook containing the anthropometric chart, the gymnasium rules, and valuable health information. No student will be permitted to take part in any of the work of this department without a physical examination.

PHYSICAL EDUCATION FOR WOMEN. Each student is given a careful physical examination at the beginning of the school year. These data are made the basis of an anthropometric chart, which becomes the property of the individual student. Physical defects are noted and special exercises are prescribed for their correction. At the close of the year another examination takes place and a new chart is platted. A comparison of the two charts indicates the development that has taken place during the year.

Students are required to keep full notes of all drills and hygienic rules. Regular examinations are held at the end of each semester.

1. GYMNASTICS. Swedish gymnastics, free hand movements, dumb bells, wands, corrective exercises, and gymnastic steps. Two hours a week for the year.

2. GYMNASTICS. Normal class in gymnastics. Grade for the work is based on ability of the individual to conduct a class in every branch of the work given. One hour a week for the year.

PHYSICAL EDUCATION FOR MEN. Gymnasium work for men is mainly the same as that in use by the Young Men's Christian Associations of North America. It consists of marching, free hand and calisthenic exercises, and hygienic gymnastics. Some work is given in educational gymnastics for those who wish it. The intention is to give a two or three years' graded course in gymnasium work. Recreative work is fostered and encouraged in various forms.

Men are required to wear gray Turner trousers, white sleeveless jerseys, and heelless shoes.

1. GYMNASTICS. Swedish gymnastics, body building, free hand work, and dumbbells. Heavy gymnastics: elementary movements on parallel bars, side and long horse, buck, vaulting and horizontal bar, springboard and pad box, and tumbling.

Elements of games and contests. Two hours a week for the year.

2. GYMNASTICS. Advanced light and heavy gymnastics for those who have had one year or the equivalent. Two hours a week for the year.

L. PHYSICAL SCIENCE.

PROFESSOR UNNEWEHR.

The work in Physics is designed to develop in the student the ability to observe accurately, to reason logically, and to demonstrate the validity of his conclusion experimentally. To this end use is made of text-books, library, laboratories, and lectures, as occasion demands or the nature of the particular subject requires.

1. GENERAL PHYSICS. Mechanics, Sound, and Light. Heat and Electricity. This course is offered especially for students who do not expect to take the more advanced and somewhat technical courses of the department. Algebra is a prerequisite. Three recitations. Laboratory work, two hours a week for the year.

2. GENERAL ADVANCED PHYSICS. Mechanics and Heat; Sound, Light, and Electricity. Recitations and lectures illustrated by experiments and by the use of the lantern. It is advised that students taking this course be enrolled in the class in analytical geometry, unless they have completed that subject. Prerequisite: Freshman mathematics. Three recitations. Laboratory work two hours a week for the year.

The aim of the work in Chemistry is to lead students into an accurate and systematic knowledge of the principles underlying chemical phenomena. Emphasis is placed on principles rather than on details, with the intention to render the subjects valuable for general culture, while at the same time they may

furnish a thorough foundation for those who desire to follow chemistry professionally, or as an adjunct in other scientific or technical lines.

1. General Inorganic Chemistry. The first part of the course is devoted to a study of the laws of chemical union, solution, acids, bases, salts, atoms, molecules, valency, ionization, vapor density and the gas laws, atomic masses, molecular formulæ, chemical equations, etc., developed quantitatively as far as seems consistent for beginners. In presenting these phases of the subject hydrogen, oxygen, water, chlorine, and hydrochloric acid are studied in considerable detail. Following this is a systematic study of the history, occurrence, preparation, properties, and compounds of the common elements, taken in the order of their valency with hydrogen for the acid forming elements, and according to the usual grouping in analysis for the bases. Prerequisites: Elementary physics and algebra. Two recitations and four laboratory hours a week for the year.

2. Qualitative Analysis. A systematic study of the bases and acids, beginning with the simpler compounds and finally analyzing complex mixtures. Prerequisites: Chemistry 1. One recitation or lecture and four laboratory hours a week for the year.

3. Industrial Chemistry. This is a lecture course. The work will be selected from the following subjects: (1) Water: composition, pollution, purification; (2) Artificial illumination: candles, oils, lamps, petroleum, gas, electric light; (3) Explosives: gunpowder, gun cotton, nitro-glycerine; (4) Glass and ceramics; (5) Photography; (6) Sulphur and the sulphur acids; (7) Common salt, soda, bleaching powder, chlorates and allied products; (8) Caustic potash; (9) Nitric acid; (10) Sodium, alum, etc.; (11) Foods and drinks; (12) Fertilizers; (13) Textile fabrics, paper, bleaching, dyeing,

calico printing; (14) Oils, fats, soaps, glycerine. Prerequisite: Chemistry 1. Four hours a week for the first semester.

4. Food Analysis. The analysis of food stuffs: grains, mill products, alcoholic beverages, baking powders, vinegars, syrups, sugars. Prerequisite: Chemistry 1. Lectures and Laboratory. Four hours a week for the second semester.

M. SOCIOLOGICAL SCIENCE.

Professors Hertzler and Haubrich.

1. Economics. This course is designed to give a general knowledge of the subject. Some attention is given to the theoretical phases, but the emphasis is laid mainly upon subjects of particular public interest, such as the tariff, the trusts, the currency question, and the labor problem. An effort is made to interest the student in the questions of the day, and to develop the powers of thinking along economic lines. Three hours a week for the first semester. Professor Hertzler.

2. Sociology. The course consists of lectures and readings on certain fundamental sociological problems, as the origin and evolution of the family, the modern divorce problem, the growth of population, birth and death rates, the Malthusian theory of population, immigration, the Negro problem, the growth of cities, the rise of socialism, the nature of society, the liquor question. Text-book, lectures, and discussions. Three hours a week for the second semester. Professor Hertzler.

3. Government. A careful study is made of our Government—National, State, and city—as it is in actual existence today; the organization of the different governing bodies; organization and conduct of political parties—the boss, the machine, the ring, the lobbyist; elections; citizenship—its privileges and duties; city problems and remedies. A course adapted to the needs of every citizen. Open to all college students. Three hours a week for the first semester. Professor Haubrich.

4. Practical or Applied Sociology. The general principles of social engineering with application to two specific problems; viz., 1. The Labor Problem: result of the industrial system; solutions of the labor-capital problem; welfare work; settlements; churches; trade unions; co-operation; collective bargaining; profit-sharing; socialism, its merits and demerits; labor in relation to law, employment contract, injunctions; recent court decisions affecting labor; the State and labor. 2. Rural Communities: social conditions in American agricultural communities with a view to amelioration; statistics of rural population; communication and travel; social gatherings; organized movements among farmers; country schools and churches. Three hours a week for the second semester. Professor Hertzler.

5*a*. Christian Sociology. The Church and the Social Problem. The work covers the development of sociology with special reference to the activities of the Church. Beginning with the Hebrew prophets, and continuing through the era of social reconstruction through the influence of Christianity to the recent social activities of the Church, a new light is thrown upon the development of sociology. This course is given in German and is particularly recommended to students who intend to enter upon the work of the Christian Church. Three hours a week for the first semester. Professor Hertzler.

5*b*. Missions. The Work of the Christian Church in Foreign Countries. Social conditions of foreign nations and modern methods and activities of the missionary enterprises of the Church are discussed. Special emphasis is placed upon the proper training of men who desire to enter the mission field at home and abroad. This course is given in German. Three hours a week for the second semester. Professor Hertzler.

6. Public Finance and Taxation. An introductory study of the general principles of public expenditures, revenue, indebtedness, and financial administration. Two hours a week for the year. Professor Haubrich.

7. Money and Banking. This course treats of the theory and history of the various monetary systems. The principles of credit and banking are considered. This course alternates with Course 6. Two hours a week for the year. Professor Haubrich.

8. Economic Geography. The aim of this course is to trace the great and small streams of commerce, and also to show the courses that give them direction and volume. The various products of trade are discussed, together with their geographical distribution. Two hours a week for the year. Professor Haubrich.

9. The Elements of Accounting. This course forms the basis for the entire course in accounting. It includes accounts, journalizing, posting and trial balance, business forms, methods and documents, etc. For complete information see Department of Commerce. Laboratory work, two hours daily. Two hours a week for the year. Professor Haubrich.

10. The Theory and Practice of Accounting. See Department of Commerce.

11. Advanced Accounting and Auditing. This course must be preceded by Course 9. The course is given for the preparation of students for employment as public accountants. Lectures, analysis of accounting systems, and two hours' daily laboratory work. Two hours a week for the year. Professor Haubrich.

12. Mercantile Accounting. This is an advanced course and must be preceded by Course 7. The aim of this course is the preparation of students to enter the business world.

It involves the study of Business Organization and Management. One hour a week for the year. Professor Haubrich.

13. Commercial Law. The work consists of recitations, lectures, and consideration of practical cases. Considerable time is devoted to the study of contracts and negotiable instruments, introduced by a general consideration of law, and also to the study of guaranty, suretyship, interest and usury, sale of personal property, bailment, agency, and other similar problems. Three hours a week for the year. Professor Haubrich.

14. General History of Commerce. This work consists of lectures and dictations, with collateral reading and reports. The commercial growth and decay of nations and the widening of the world's commerce form an interesting part of the course. The ancient, medieval and early modern commerce and the consideration of English industrial revolutions are studied. Three hours a week for the first semester. Miss Akins.

15. General History of Commerce. The Age of Steam and Electricity. This course covers the study of the commercial development of the modern nations of the world. Three hours a week for the second semester. Miss Akins.

DEPARTMENT OF COMMERCE.

L. COMMERCE.

This course is given for the purpose of training young men and women for the business world and for the teaching of commercial branches. The business man of this day must be an educated man, but the educated man needs a specific training for his lifework. Students who can meet the regular college entrance requirements are admitted to this course, which leads to the degree of Bachelor of Arts (A. B.). On the other hand, this department offers special courses to such students as can give satisfactory evidence that they are prepared to profit by the courses as outlined below. These students will be registered as sub-freshmen students of the course in Commerce.

The aim of the Department of Commerce is the preparation of the students for the larger responsibilities in life, and to train them especially for Civil Service, public and private corporations, and for the teaching of commercial branches in high schools, business colleges, colleges, and universities. Since a general training is required of all men and women who enter the business world, we recommend the college course to all students, and advise those who are not able to meet the entrance requirements to pursue Course V.

A. ARRANGEMENT OF STUDIES FOR THE SHORT COURSES IN COMMERCE.

For information as to fees, etc., see "General Information" and "General Regulations" in this catalogue. The use of scholarships does not apply to the short courses in Commerce.

I. A nine-month certificate course in Bookkeeping.

II. A nine-month certificate course in Stenography.

III. A two-year certificate course in Bookkeeping and Higher Accounting.

IV. A three-year certificate course in Commerce, including Banking and Finance.

V. A four-year certificate course in Commerce and allied branches. Students who can meet the college entrance requirements can complete this course in two years.

COURSE I. A nine-month certificate course in Bookkeeping.

Elements of Accounting.....2 hours daily for the year.
Penmanship and Spelling.....5 hours a week for the year.
Commercial Arithmetic.....
Rapid Calculation..... } 3 hours a week for the year.
Economic Geography.....2 hours a week for the year.
Commercial English.....2 hours a week for the year.
Commercial Law .....3 hours a week for the year.

COURSE II. A nine-month certificate course in Stenography.

Shorthand and Typewriting.....2 hours daily for the year.
Penmanship and Spelling.....5 hours a week for the year.
Rapid Calculation.....2 hours a week for the year.
Commercial English.....2 hours a week for the year.
Economic Geography.....2 hours a week for the year.
Commercial Law.....3 hours a week for the year.

COURSE III. A two-year certificate course in Bookkeeping and Higher Accounting.

FIRST YEAR.

Elements of Accounting.....2 hours daily for the year.
Penmanship and Spelling.....5 hours a week for the year.
Commercial Arithmetic.....
Rapid Calculation..... } 3 hours a week for the year.
Commercial English.....2 hours a week for the year.
Economic Geography.....2 hours a week for the year.
Commercial Law.....3 hours a week for the year.

SECOND YEAR.

Advanced Accounting (Course II).....2 hours daily for the year.
Rhetoric and Composition.....4 hours a week for the year.
History.....3 hours a week for the year.
Literature, Courses B and D.....4 hours a week for the year.
German, French, or Spanish.....4 hours a week for the year.

COURSE IV. A three-year certificate course in Commerce, including Banking and Finance.

First year and second year course is the same as Course III.

THIRD YEAR.

Mercantile Auditing.....1 hour a week for the year.
History of Commerce.....3 hours a week for the year.
Algebra.....4 hours a week for the year.
Money and Banking.....2 hours a week for the year.
Economics.....} 3 hours a week for the year.
Sociology.....}
Shorthand and Typewriting, 2 hours daily or 12 hours of Collegiate work.

COURSE V. A four-year certificate course in Commerce.

This is a continuation of Course IV. Students who can meet the college entrance requirements can finish this course in two years.

FOURTH YEAR.

Mathematics.....4 hours a week for the year.
Science.....4 hours a week for the year.
Stenography.....2 hours daily for the year.

B. THE COLLEGE COURSE IN COMMERCE.

This course leads to the degree of Bachelor of Arts (A. B.). Only students who are able to meet the college entrance requirements can enter upon this course.

FRESHMAN.		SOPHOMORE.	
French or German.....	4	French or German.....	3
English.....	2	Science.....	4

Freshman.		Sophomore.	
Mathematics	3	Physical and Economic Geography	3
History	3	Commercial Law / Money and Banking	3
Business Administration	3	Business Administration	2
Bible	2	Bible	2

Junior.		Senior.	
I. Spanish	4	Ethics / Evidences	3
Sociology / Economics	3	Logic / Psychology	3
English Literature	3	II. Spanish	2
Electives.		Electives.	

The course outlined above should be taken by every high-school student interested in commercial and economic subjects. It prepares the student for the best positions in the business world and educates him sufficiently to fill the excellent positions offered by the Civil Service Commission, both State and National. This is the course recommended to those students who expect to teach commercial branches. For general information see this catalogue under "General Information" and "General Regulations." The fees are the same as the regular fees for the College.

DEPARTMENTS OF INSTRUCTION.

ACCOUNTING.

Professor Haubrich.

The Elements of Accounting. Two hours daily for the year. The new system of bookkeeping which is now taught is undoubtedly the best, most modern and complete system of accounting known to-day. Two methods of teaching have been widely followed; viz., the so-called "Theory" or non-voucher method, and the "Business Practice" method, in which papers

are used. The former method is economical of time, but unattractive. The latter is attractive, but apt to be less economical of time. The former method makes thoroughness and completeness easily available, but ignores business papers and business procedure. By the latter method business is taught as well as bookkeeping, but often this has been done at the sacrifice of thoroughness in treatment of principles. The system taught here combines the two methods in a development peculiarly its own. Theory and practice go hand in hand, neither at the sacrifice of the other. We here give an outline of the elementary set:

PART I.

(*a*) No vouchers—Accounts, Journalizing, Posting, and Trial Balance.
(*b*) Vouchers—A practice set. Statements, Sales, and Bill Books.
(*c*) No vouchers—The Cash Book.
(*d*) Vouchers—A practice set.
(*e*) No vouchers—Recapitulation and review.

PART II.

(*f*) No vouchers—Advanced Journalizing, Discounts and Drafts.
(*g*) Vouchers—A short intercommunication set.
(*h*) No vouchers—Study of three-column Cash Book.
(*i*) Vouchers—A practice set.
(*j*) No vouchers—A more advanced set.
(*k*) Fifty short problems in accounting.

THREE DISTINCTIVE FEATURES.

First. Note the alternation of theory and practice in above outline. When the student studies new principles, no vouchers

are used to confuse, but as soon as the principles are mastered, bookkeeping is done as in actual business.

Second. Problems are presented as they come in the rush of business and must be solved.

Third. The instructions are clear and simple, and any student can follow them.

Lyon's "Complete Accountant" is used as text-book.

ADVANCED ACCOUNTING. Two hours daily for the year.

Wholesale Accounting. A knowledge of elementary bookkeeping is essential. Wholesale grocery business exactly as it is conducted. The grocery business was selected for several reasons, but chiefly because it is probably the most widely distributed wholesale business. There are few cities of 20,000, and upward, inhabitants but have one or more houses engaged in the wholesaling of groceries. The business is representative, and its forms and records are easily adapted to other lines of business. In this set the following books are used: Invoice Book, Three-Column Cash Book, Bill Book, Rebate and Returned Goods, Credit Books, Department Purchase and Sales Book, etc. In fact all books necessary for any up-to-date wholesale business. The Loose-Leaf Order System, heretofore considered suitable for the experienced accountant only, is taught.

Departments. The accounting in different departments is done by the student, as he advances from one department to the other.

Cost of Doing Business. The pupil is taught how to figure the exact cost by percentages. It is important for an accountant to be able to figure accurately, because very often, on account of competition and peculiar economic conditions, the margin of profit is sometimes exceedingly small.

Cash Discounts. Close attention is paid to all maturing

bills in order to take advantage of discounts offered. This is a modern feature of vital importance.

Customs of the Business. It is just as easy for a student to learn correct and modern customs as it is for him to learn some antique and fictitious custom. When the custom of this business is mastered, the student will have acquired a store of information which is applicable in general to any business.

Cost Accounting. This feature in accounting has always been looked upon as a mystery by the average bookkeeping student, and thought possible to the experienced accountant only. We teach *the student* how it is done, for we realize that the well-trained bookkeeper must know. The highest salary in many large manufacturing houses is received by the man who knows Cost Accounting.

Mercantile Accounting. One hour a week for the year. Must be preceded by a course in "Complete Accountant" or one year of Bookkeeping. It is an advanced set, not taught in the so-called business college. The business conditions are lifelike and the transactions typical of the business represented. The course is planned to prepare students for the work of an accountant, auditor, sales manager, credit man, and as a public accountant, and teacher of commerce.

Corporation Accounting. Must be preceded by the above outlined courses. The student is given a thorough knowledge of corporations. No part of the course is more interesting or practical. The organization of corporations, their business methods, the laws governing them, their general workings, etc., are carefully noted. The student, after familiarizing himself with the various books used, proceeds to organize his company. After the required stock is subscribed for and collected, he files articles of incorporation and enters upon business. After continuing business until the gains are equal to five per cent of the capital stock, he declares a dividend of one-half the amount

and sets the other half aside to surplus fund account. After paying the stockholders their dividends he continues business until three dividends have been declared. He then ascertains the present worth of the business and dissolves the company by buying the stock. Again organizing other corporations, he continues as before, until he is familiar with every detail of the business.

BANK ACCOUNTING. This is a practice set. The student organizes a National Bank under the National Banking Laws, and after stock is subscribed for, issues the stock certificates. All the books necessary for the average size bank are kept; such as the Journal, Cash Book, Collection and Discount Registers and Tickers, New York Draft Register, General Ledger, the Boston Daily Trial-Balance Book or Individual Ledger, and such auxiliary books as are required in an up-to-date banking institution. Notes are discounted and collected, deposits are received, checks and drafts are sent to correspondent banks for credit and collection, passbooks are balanced, and all the routine of banking is placed in charge of the student.

GENERAL HISTORY OF COMMERCE.

MISS AKINS.

The course consists of lectures and dictations, with collateral reading and reports.

In the first semester Ancient, Medieval, and Early Modern Commerce are studied; the English Industrial Revolution, England and Free Trade, and other important events. The second semester is devoted entirely to the study of the Age of Steam and Electricity, beginning with the United States since the Civil War, and continuing with a study of England, Germany, and the modern nations of the world. Three hours a week for the year.

ECONOMIC GEOGRAPHY.

PROFESSOR HAUBRICH.

The aim of this course is "to trace the great and small streams of commerce, and also to show the courses that give them direction and volume." The various products of trade are discussed, together with their geographical distribution. The work consists chiefly of recitations, with supplementary work on the natural products as represented in the College Museum and the surrounding country. The text-book used is Gannett, Garrison and Houston's "Commercial Geography." Two hours a week for the year.

FINANCE.

PROFESSOR HAUBRICH.

In this course the nature and uses of money will be studied, together with banking, loan and trust companies, and finance in general. Text used, "Money, Banking, and Finance," by Bolles. Not only are the various functions of banking institutions set forth and discussed, but the duties of the officers as well. Two hours a week for the year.

COMMERCIAL LAW.

PROFESSOR HAUBRICH.

The object of this work is to present law from the commercial viewpoint only, and in a clear manner. The subject is presented inductively, the facts are given in the form of cases involving principles discussed in preceding lessons. "The facts are given to determine the law." Actual cases arising in the Business Practice Department frequently come up for consideration and decision. The work consists of recitations, lectures, and consideration of practical cases.

Considerable time is devoted to a careful study of contracts

and negotiable instruments, introduced by a general consideration of law and its branches, also to the study of guaranty and suretyship, interest and usury, sale of personal property, bailment, agency, and a few other phases of commercial law.

COMMERCIAL ARITHMETIC.

MR. ALLINGER.

The first semester is devoted to the study of general principles of arithmetic, laying particular stress upon short methods and extreme accuracy. A short study is also made of counting-house methods and various measurement calculations; as, lumber, land, capacities, etc.

The second semester is spent entirely in the careful study of percentage applications; such as interest, commission, insurance, banking, duties and customs, stocks and bonds, etc. The "Model Commercial Arithmetic" is taken as a basis for the work.

ENGLISH.

MISS AKINS.

The central thought of this course is the formation of habits of correct English, oral and written. Particular emphasis is laid upon punctuation, etymology, sentence structure, and letter-writing in its various phases. Compositions and letters written by the student are criticised in class. Two hours a week for the year.

The other courses in English are outlined in the Department of Liberal Arts.

PENMANSHIP AND ORTHOGRAPHY.

MR. ALLINGER.

This course is required of all students. One hour daily is devoted to this work. The first half hour is spent in penmanship practice, and the latter part of the hour in orthography.

Muscular movement alone is taught, and every effort is put forth to have the student acquire a good, plain business hand. In addition to the general class-work most of the students have subscribed for a good penmanship journal and are working up the courses given in them by some of the best penmen of the land, to secure a certificate of proficiency.

In orthography the "Practical Speller" is taken as a basis, together with supplementary work.

In view of the fact that nineteen out of every twenty applications for business positions find their way to the waste-basket because of their poor penmanship, we have decided to require of every student striving for a degree or diploma (not certificate) a certain degree of proficiency in business writing before receiving such degree or diploma. The student may have his choice to obtain a certificate from either *The Business Educator, The American Penman,* or the *Penman's Art Journal,* given for a degree of proficiency in any of their courses of business writing.

Our students are given daily lessons in plain penmanship, such as is required in business to-day. The lessons are so arranged as to cover the whole scope of the subject, with the following objective points in view: legibility, rapidity, neatness, and ease of execution. Any student by diligent and intelligent practice may in one year become a very good business writer. The market value of a good business hand can not be overestimated. Business men usually ask for specimens of writing, and judge the applicant by it.

STENOGRAPHY.

MR. ALLINGER.

Shorthand, five hours throughout the year.

One hour per day is required throughout the year, individual instruction being given as far as practicable. Our

course is designed to fully equip for the work of the amanuensis, and with ambition, close application, and a strong perseverance the ability to do verbatim reporting is easily acquired. We teach Graham or Dement Pitmanic systems. The work is so arranged as to economize time. Supplementary lessons are given with the text, and almost daily reviews are conducted. We make every effort to advance our students rapidly and satisfactorily.

Competent stenographers are always in demand at good salaries. Shorthand as a mind-developer has no superior. Educators admit this to be true. As an accomplishment it offers much real enjoyment. The taking of lectures, addresses, sermons, etc., is fascinating, and the ability to jot down easily and rapidly notes of a lecture or speech of any kind is of great value not only to the student of law, medicine, or theology, but in practically all walks of life. As a regular employment, amanuensis, public stenographer, newspaper correspondent, or court reporter, shorthand has the best of inducements to offer its adherents.

In shorthand, as in other arts, there is always "room at the top," and this profession, perhaps more than any other, can be rightly called a "stepping-stone," because of the experience and insight that can be gained by the stenographer if wide awake and alert. In any commercial line, for instance, a stenographer takes dictation from superintendent or manager, and it thus often occurs that he becomes familiar with many valuable details of the business in a short time that other employees do not learn in years.

TYPEWRITING.

MR. ALLINGER.

Two hours' daily practice on the machine is required, and more time is spent if hours can be arranged. Direct dictation is employed in the third term. The Remington and Underwood typewriters are used.

The touch method, now so popular, is the system taught here. Its advantage over the old system in promoting efficiency in the student is twofold. First, it enables him to write more rapidly, as every finger is put to the best possible use; and secondly, his speed is further augmented by the fact that the touch operator can keep his eyes on the printed page or notes, it being entirely unnecessary to look at the keyboard while writing. Our typewriting instruction is such that the student can easily acquire this method and become proficient in it. We use the "New Practical Typewriting Manual." The course includes all mercantile and legal forms, legal testimony, specifications, contracts, manifolding, mimeographing, and indexing. We also teach our students to make letter-press copies and to file papers, as required in offices, so that the student is familiar with the requirements of the business office.

Students preparing for the ministry would find it an advantage to take this course and our introductory work in bookkeeping, so they can prepare their manuscripts, take care of their correspondence in an up-to-date manner, and make such financial reports and statements as are required by every congregation.

ELECTIVES.

For "Electives" see courses in the Department of Liberal Arts.

THE CONSERVATORY OF MUSIC.

CONSERVATORY OF MUSIC.

FACULTY.

ARTHUR L. BRESLICH, A. B., B. D., Ph. D.,
PRESIDENT.

REV. JOHN C. MARTING,
TREASURER.

ALBERT RIEMENSCHNEIDER, A. B.,
DIRECTOR.
Piano, Pipe Organ, Theory.

1896–1902—Pupil of James H. Rogers, of Cleveland, in Piano, Pipe Organ and Theory.
1902–1903—(Vienna, Austria)—Pupil of Hugo Reinhold in Piano, and Robert Fuchs in Composition.
1903–1904—Pupil of Charles Clemens (Cleveland) in Pipe Organ.
1904–1905—(Paris, France)—Pupil of Alex. Guilmant in Pipe Organ, and Ch. M. Widor in Composition.
Since 1897—Instructor and Director of German Wallace College School of Music.

ETHEL MATTISON, Ph. B.
PIANO.

1900–1907—Student at the German Wallace College School of Music.
1907—Graduate Piano Department, German Wallace College School of Music.
1909–1910—Post-Graduate Student in University of Chicago.
Since 1907—Instructor in Piano, German Wallace College School of Music.

MRS. ALBERT RIEMENSCHNEIDER, A. B.
VOICE.

1901—Graduate Piano Department, German Wallace College.
1904—Graduate Vocal Department, German Wallace College.
1901–1903—Pupil of James H. Rogers, Cleveland, in Piano.
1901–1904—Instructor in Piano, German Wallace College.
1904–1905—(Paris, France)—Pupil of Matilda Marchesi, in Voice.
Since 1909—Instructor in Voice in German Wallace College School of Music.

IRA B. PENNIMAN, A. B.

VOICE, EAR TRAINING.

1896—Graduate Oberlin College.
1897–1899—Director Conservatory of Music, Berea College, Kentucky.
1900—Graduate Chicago Conservatory of Music. Frederic Gleason, in Theory and Max Heinrich, in Singing.
1903—Graduate Student in Psychology, University of Chicago.
1900–1905—Director Fargo Conservatory, Fargo, North Dakota.
1905–1909—Director Omaha May Festival.
Since 1910—Voice Teacher, Cleveland, and German Wallace College School of Music.

SIDNEY CLYDE VERNON.

VIOLIN.

Pupil of Leon DuPont in Violin.
Pupil of Wilhelm Sachse, London, in Violin.
Student at Trinity College of Music, London, England.
1892–1900—Concert Work through twenty-two States.
1900–1902—Musical Director in Evangelistic Work.
1902–1912—Chorus Choir Director, Cleveland.
Teacher of Violin, Cleveland.
1912–1913—Teacher of Violin, German Wallace College School of Music.

MRS. IRA B. PENNIMAN.

PIANO.

1908–1909—Student at the German Wallace School of Music.
1909–1910—Student at Oberlin Conservatory of Music.
1910–1913—Pupil of Albert Riemenschneider, Berea, Ohio

F. GERTRUDE AKINS, A. M

DEAN OF WOMEN.

VICTOR WILKER, A. M., Lit. D
HILBERT FICKEN, A. M
J. O. BERR, Lit. M.,

MODERN LANGUAGES.

ORCHESTRAL INSTRUMENTS.

Arrangements for instruction made upon application.

CONSERVATORY OF MUSIC.

The ever growing demands made upon a musician to-day call for a most thorough and broad training, not alone in his chosen specialty, but in all that pertains to music in general. This demand is one which the School aims especially to meet.

The connection of the School of Music with a college gives it particular privileges and a prestige which a school of music standing alone can not command. The fact that in German Wallace College the German language is used in the classroom on a par with the English language gives the School of Music an advantage which is unique. A modern musician must know the German and French languages, as a large majority of works on modern musical literature and theory are published in these two languages, and the musician who is not able to read them must needs lose a very important factor in his musical advancement. At German Wallace College, where a majority of the students are either German-born or German-Americans, the German language is often used in conversation. What greater advantage could a student who expects to spend a few years in either Germany or France have than to learn beforehand the languages of these countries in their pure pronunciation?

The courses of study offered in the different branches aim to cover the whole field in each case, and the school has provided experienced teachers and musicians who have spent years studying under the greatest masters.

The proximity of Berea to Cleveland (eight miles) gives the German Wallace Conservatory of Music the most favorable location of any college conservatory in Ohio and affords the student all the advantages of that large musical center. Excellent systems of railroads and electric lines connect the two

places. Each season a great number of concerts by leading orchestras of America, as well as many artist recitals, are given there, thus affording the student one of the most important factors in his musical education.

German Wallace College is an institution of the German Methodist Episcopal Church. The religious and moral atmosphere which prevails is of the very highest tone, and there are no saloons within the city limits.

PIANOFORTE.

The course in pianoforte is divided into seven grades. The time necessary to complete each grade depends entirely upon the talent and application of the pupil. To finish a grade each year would require that a student of decided talent practice four or more hours daily and take two private lessons per week.

GRADE I. Hand, arm, and finger positions, and the fundamental principles of touch and tone production thoroughly imparted by means of simple finger exercises, etc. National Graded Course, Book I. Five-finger exercises in all keys and positions. Simple major scales. Duvernoy, op. 176. Burgmueller, op. 100. Le Couppey, op. 17. Gurlitt, op. 82. Concone, op. 25. Easiest Sonatinas by Clementi and Kuhlau, etc.

GRADE II. Scales, major, minor, and chromatic. Simple arpeggios of the triads in all the positions. Gurlitt, op. 82, Book II. Gurlitt, op. 50. Heller, op. 47. Loeschhorn, op. 52. Duvernoy, op. 120. Czerny, op. 636. Schumann, Album for the Young. Reinhold, Album for the Young. Sonatinas by Clementi, Kuhlau, Diabelli, Dussek, Schmitt, and Beethoven. Easy pieces in different styles and forms.

GRADE III. Scales, major, minor, and chromatic in the octave, third, sixth, and tenth positions in both parallel and contrary motions. Major, minor, and diminished triads in four-voiced chord and broken chord arrangements. Arpeggios of the triads in all the forms. Arpeggios of the dominant and

diminished seventh chords started. Czerny, op. 636, Books III and IV. Heller, op. 46. Le Couppey, op. 20. Bertini, op. 29. Gurlitt, op. 85 and op. 52. Rogers, Special Studies in Thirds, Sixths, and Octaves. Wilson G. Smith, Octave Studies. Czerny, op. 299, Books I and II. Bach, Short Preludes and Fugues. Easy Sonatas by Haydn, Mozart, and Beethoven. Various pieces and selections from the best composers adapted to this grade.

GRADE IV. Technic and all kinds of scale practice continued. Kleiner Pischna. Czerny, op. 299, Books III and IV. Gurlitt, op. 53. Berens, op. 61. Loew, Octave Studies. Heller, op. 45. Bach, Two-Part Inventions and French Suites. Czerny, Eight-Measure Exercises (also for transposition). Reinhold, Zwölf Arabesquen. Händel, Selected Pieces. Sonatas and pieces by Haydn, Mozart, Clementi, Beethoven, Mendelssohn, Chopin, Schumann, Scarlatti, etc.

GRADE V. Technic and scales continued. Dominant and diminished seventh chords in five-voiced chord and broken-chord arrangements. Scales in double thirds (J. A. Pacher, Vol. VIII). Bach, Three-Part Inventions and English Suites. Czerny, op. 740, op. 337, and op. 335. Mayer, op. 168. Neupert, Octave Studies. Cramer, Studies. Clementi, Gradus ad Parnassum. Heller, op. 16. Sonatas and pieces by Chopin, Schubert, Schumann, Mendelssohn, Field, Grieg, Beethoven, Mozart, MacDowell, etc. Concertos and concerted pieces by Mozart, Rameau, and Mendelssohn.

GRADE VI. Technic continued. Scales in double sixths. Grosser Pischna (Sauer). Neupert, 12 Studies in Style and Expression. Jensen, op. 30. J. S. Bach, Partitas, Italian Concerto, and Well-Tempered Clavichord. Loeschhorn, op. 67. Moscheles, op. 70. Loeschhorn, Octave Studies. Kessler, Studies, op. 20. Händel, Suites Henselt, Etudes, op. 2 and 5. Czerny, op. 365. Chopin, Preludes and the easier Etudes, op. 10 and 25. Pieces by Chopin, Schumann, Liszt, Weber,

Beethoven, Grieg, Schubert, Mendelssohn, Moszkowski, Brahms, Rubinstein, etc. Mendelssohn, Concertos. Beethoven, easier Concertos.

GRADE VII. Advanced technic. Transposition and sight-reading exercises. Tausig, Daily Studies. Kullak, Octave Studies. Chopin, Etudes. Bach, Well-Tempered Clavichord. Moscheles, op. 95. Bach, Chromatique Fantasie and Fugue. Bendel, Sexten Etude. Rubinstein, Etudes, op. 23. Schumann, op. 3 and 10. Schumann, op. 13, Symphonic Studies. Mendelssohn, Preludes and Fugues. Saint-Saens, Etudes. Sonatas by Beethoven, Chopin, Schumann, Grieg, Brahms, etc. Concertos and pieces by Chopin, Schumann, Mendelssohn, Weber, Beethoven, Brahms, Hummel, Henselt, Tschaikowsky, etc.

PIPE ORGAN.

The School aims to provide for a most thorough training in all that pertains to the work of both church and concert organists. Throughout the whole course the related branches, such as choir and oratorio accompaniment, transposing, modulation, and improvising, will go hand in hand with the regular instruction.

The peculiar demands made upon the student beginning to study the organ, make it obligatory for him to have finished the third grade as outlined in the piano course, and he must be able to play a sonatina at sight.

The School of Music offers to the student of this instrument the advantage of a large two-manual pipe organ (20 speaking stops) for practice purposes at very low rates.

The works of the great John Sebastian Bach serve as a foundation throughout the whole course. Edition Peters is meant where reference is made.

GRADE I. Selections from Rogers' Graded Material for the Organ, Rinck's Organ School, Stainer's Organ Primer,

Clemens' Pedal Technic, Vol. I; Douglas' Method of Organ Playing, and Lemmens' Organ School. Bach, Eight Short Preludes and Fugues, Vol. VIII, and other preludes and fugues adapted to this grade. Selections from Shelley's Modern Organist, Eddy's Organ in Church, and similar volumes.

GRADE II. Clemens' Pedal Technic, Vol. II. Bach, Fantasie and Fugue in C minor, Preludes and Fugues in G minor and E minor, Vol. III; Preludes and Fugues in C minor, F minor, G minor, Canonza and Fantasie in G, Vol. IV; Choral Preludes, Vol. V. Sonatas by Mendelssohn, No. 2; Guilmant, Nos. 2 and 3; Rheinberger, A minor, and others of similar difficulty. Pieces by Guilmant, Dubois, Gigout, Lemmens, Salome, Capocci, Merkel, Mendelssohn, Rheinberger, Buxtehude, Froberger, Muffat, Pachelbel, Sweelinck, Scheidt, Frescobaldi, Rossi, Marchand, Couperin, and others representing the old and the modern schools.

GRADE III. Pedal Technic, Nilson. Bach, Choral Preludes from Vols. VI and VII; Preludes and Fugues in E flat and C, and the Doric Toccata from Vol. III; Preludes and Fugues in C, G, C minor, C (No. 7), and B minor from Vol. II; Trio Sonatas, Vol. I. Guilmant, Sonatas Nos. 4 and 1. Mendelssohn, Nos. 4, 6, 3, and 1. Sonatas by Rheinberger, Merkel, Lemmens, Toepfer, Ritter, etc. Concertos by Händel. Pieces by Cesar Franck, Reger, Toepfer, Rinck, Hesse, Thiele, Buxtehude, Guilmant, Bossi, Boellmann, Saint-Saens, etc.

GRADE IV. Bach, Choral Preludes from Vols. VI and VII; Preludes and Fugues in A, F minor, A minor, and E minor, Fantasie and Fugue in G minor from Vol. II; Toccatas and Fugues in F and C, Vol. III; Passacaglia and Sonatas, Vol. I. Sonatas and pieces by Guilmant, Joseph Renner, Jr., Elgar, Reger, Merkel, etc. Symphonies by Widor.

VOICE.

The first essentials of good singing are a proper position of the body and head, a well-opened mouth, and a natural and correct manner of breathing. Then, after placing the voice by means of simple exercises, M. Marchesi's Opus 1 is used as a foundation for vocal technic—an even scale, arpeggio, trill, grupetto, etc., are developed simultaneously. This acquired technic is in turn applied to easier vocalizes, such as Concone (50 studies) and M. Marchesi (op. 2 or 32). At the same time attention is paid to tone color. In order to aid in producing a good tone in the singing of words simple vocalizes with Italian words are used. For the development of style and bravura singing, the more difficult vocalizes of Lamperti and Bordogni are studied.

The first songs are simple ones selected from those of English and American composers and of Haydn, Mozart, and the old Italian masters. When the student has sufficiently matured as a singer, the aim is to make the song repertoire as representative and as varied as possible. Selections are made from the American, English, French, Italian, and German song literature, and the old masters as well as the modern are studied. Oratorio and opera excerpts are also included in the repertoire. If the student shows considerable aptitude, the Italian language is sung for works of that school, and if the former has studied German and French, these are also used in their respective song literatures.

The department aims to help the student acquire a natural way of breathing, pure tone quality, an easy manner of singing, repose, and stage presence, and last, but not least, clear enunciation of the text, style, and a thorough (but not exaggerated) interpretation of that which is sung.

If a student has in mind completing a course in singing, the following outline will give some idea of the work included

in such a course. The time required for completing the same depends largely upon the aptitude and diligence of the student.

GRADE I. Physiology of the throat; breathing exercises; tone placing. Marchesi, op. 1. Sieber, op. 92.

GRADE II. Marchesi, op. 1; op. 2. Concone, fifty studies.

GRADE III. Marchesi, op. 1, op. 32. Concone, twenty-five Studies. Concone, fifteen studies. Songs.

GRADE IV. Marchesi, op. 1, op. 3, op. 4. Masterpieces of Vocalization, Book I, by Max Spicker. Sieber, op. 130. Songs and arias.

GRADE V. Marchesi, op. 1, op. 8, op. 14. Masterpieces of Vocalization, Book II. Bordogni, thirty-six vocalizes. Songs and arias.

GRADE VI. Marchesi, op. 9, op. 18, op. 26. Masterpieces of Vocalization, Book III. Lamperti, Studi di Bravura, Book I. Songs and arias. Ensemble singing, including duets, trios, etc.

GRADE VII. Masterpieces of Vocalization, Book IV. Lamperti, Studi di Bravura, Books II and III. Songs and arias. Ensemble singing.

VIOLIN.

This department is designed to furnish instruction in all branches of violin playing. It covers the full work required by accredited schools of music, and when satisfactorily completed, fits the student for solo, quartet, or orchestra work.

To finish the course in four years would require two private lessons a week, with no less than three hours' daily study by a student of marked ability and power of concentration; so that the time required to complete any grade of the work will depend wholly upon the application, strength, and ability of the individual pupil.

The value of thorough foundation work in the study of this instrument can not be overestimated, and it is the policy of this department to lay for the student a sure groundwork, and upon this to build his future secure progress.

The studies, selected and arranged from the best German and French methods, are such as long experience has found to be best adapted to secure thoroughness, proficiency, and genuine musical culture.

REQUIREMENTS.

1. Students are required to study from one to three hours daily. No student who can not devote at least one hour to daily study can be accepted.

2. The instruction of the teacher must be followed without deviation, both in practice and playing.

3. Regular attendance for every lesson, except in case of severe illness or absence from the city, is required—as it is essential for progress.

4. Accurate record of daily study must be kept on the cards provided for that purpose, and returned to the instructor, as requested.

Any student not complying with the regular requirements of this department may be dismissed.

Any student not making faithful effort and reasonable progress may be dismissed.

PUBLIC WORK.

Opportunity will be given all students, as soon as they attain the necessary proficiency, to enter the College orchestra and to take part in concerts and recitals as their ability may warrant.

While a student of this department, no public work should be undertaken without the permission and advice of the instructor.

COURSE.

The course of study is divided into four grades: Preparatory, Junior, Intermediate, and Senior.

PREPARATORY. Rudiments and principles of music. Finger and bowing exercises. Intervals and major scales in one octave. Studies by Hohmann, Wohlfahrt, Hermann, Bohmer, Hans Sitt, etc. Solo work in first position. Special attention to technic, time of studies and pieces, position of player, and action of fingers and wrist.

JUNIOR. Principles of music. Studies and exercises in the first three positions. Major and minor scales to the extent of two octaves. Arpeggios, major and minor chords, first three positions, to the extent of two octaves. Studies by De Beriot, Wohlfahrt, Hans Sitt, Kayser, and others, as the individual need of the student may require. Development of intonation and bowing. Solo and duet work.

INTERMEDIATE. Manuscript work. Studies and exercises in five positions. Major and minor scales, and arpeggios, not beyond the fifth position, to the extent of two octaves. Double stopping and chord work. Studies of De Beriot, Dancla, Kayser, Blumenstengel, Hermann, and others best adapted to suit the need of the pupil. Development of tone quality and expression. Sight reading, solo, duet, and ensemble work.

SENIOR. Manuscript work. Exercises and studies in the higher positions, not beyond the ninth. Major and minor scales in three octaves. Major and minor chords and their inversions, and the chord of the dominant seventh, to the extent of two octaves. Chord work and double stopping. Maza's Special Studies, Kreutzer, Schradieck, Rode, and Fiorillo. Embellishments and gradation of tone. Skillful bowing. Good style of shifting. Clearness of execution, expression. Sight reading, solo, duet, and ensemble work.

Reports on the student's progress will be issued at the close of each semester, and certificate naming the studies satisfactorily pursued will be given at the close of one full year (two semesters) of study.

THEORY.

The importance of theoretical study is so well known that we need not go into detail here. Suffice it to say that the School considers it of such importance that the candidate for graduation in any branch must take up theory as soon as he is prepared for it, and continue throughout the course.

No one can claim to be a musician who does not know the "whys and wherefores" of what he plays, and who is not able to analyze in detail every part of a composition and to reconstruct it himself. In this way only can he arrive at the true interpretation.

The course in theory consists of five years' work, although by doubling several of the branches it can be completed in three years. The branches are as follows: 1. Harmony. 2. Counterpoint, Canon, and Fugue. 3. Musical Form and Analysis. 4. Musical History. Numbers 3 and 4 can be taken simultaneously with number 2, which is a two-year course.

HARMONY.

Harmony, with which the study of musical theory commences, is the spelling and grammar of music. To begin harmony the pupil must be able to play the piano with a certain degree of proficiency, and also have a knowledge of rudimentary technic. The Additional Exercises to Richter's Manual of Harmony will be used, together with such exercises as the instructor thinks necessary. As most text-books on this subject are difficult for inexperienced pupils, the instruction will be

given orally and by means of examples by the teacher, who will also recommend from time to time the best texts for reference.

Harmony is obligatory in all the courses.

COUNTERPOINT, CANON AND FUGUE.

What has been said regarding text-books in Harmony can be applied also to Counterpoint. Instruction will be given orally by the teacher, but the general plan given in Bellermann's "Treatise on Counterpoint, Canon, and Fugue" will be followed. Bellermann stands for the old method, upon which the great composers based their ability and technic in composition. In the development of the double fugue in the modern tonalities, as well as for supplementing the work in counterpoint as given, the excellent "Treatise of Th. Dubois on Counterpoint, Canon, and Fugue," as well as those of Fetis, Cherubini, Bussler, etc., will be used for reference. Thoroughness above all. The student will feel the results later, when writing in the free styles.

This course comprises two years.

A pupil must have completed the course in Harmony before taking up this course. This branch is obligatory for graduation in the Piano and Organ Courses.

MUSICAL ANALYSIS.

In order to take up this branch the student must have studied Harmony one year. Analysis will be made of all the forms, from the simplest to the most intricate. Many examples of each will be performed in the classroom. Text-books are Elson's "Theory of Music," Goodrich's "Musical Analysis," Cutter's "Harmonic Analysis," and Prout's "Harmony." Much attention will be paid to Advanced Harmony. This branch is obligatory in all the courses.

HISTORY OF MUSIC.

A class in History of Music is organized at the beginning of each year. Aside from the text-books, lectures will be given by the teacher, and the pupil is expected to do research work and collateral reading under his direction. Topics will be assigned to the student, and the productions read in the classroom if the instructor sees fit.

EAR TRAINING.

I. First Year. Open to all students of the Conservatory, College and Seminary. This course includes instruction in the elements of musical notation and terminology, in breathing and correct vocalization, drill in rhythms and interval reading, including extensive drill in intervals of the diatonic scales and an oral study of simple harmonies in all positions and inversions in three and four voices and part singing. This course replaces the Singing Class of former years.

II. Second Year. Open to those who have completed Course I or the Choral Class courses offered formerly to students in the Conservatory and to others who may be admitted upon examination.

This course includes advanced solfeggio, including study of all intervals of major, harmonic minor, and chromatic scales, writing of simple melodies by dictation in one and two parts, the triads played and sung separately and in their harmonic relations, a vocal study of just intonation and modulation into nearly related keys. The students will learn by dictation many short motives and phrases selected from standard works of the great composers.

This course is required for graduation.

CONDITIONS FOR GRADUATION.

In order to receive the diploma of our School of Music, a student must have studied at least four semesters at this school, and must also have given two recitals: one during his Junior year, and the other during his Senior year. The material for these recitals is taken from the respective grades of these two years.

Besides having finished the course as outlined below, the pupil must have completed a course in general education equal to that of a high school. French and German are obligatory.

The following outlines show the work for each branch of study:

PIANO.*

1. The course as outlined in this catalogue.
2. Harmony.
3. Musical Analysis.
4. History of Music.
5. Counterpoint, Canon, and Fugue. 2 years.

Numbers 3 and 4 can be taken at the same time as number 5.

PIPE ORGAN.*

1. The course as outlined.
2. The piano course to Grade V, inclusive.
3. Harmony.
4. Musical Analysis.
5. History of Music.
6. Counterpoint, Canon, and Fugue. 2 years.

VOICE.*

1. The course as outlined.
2. Harmony
3. Musical Analysis.
4. History of Music.
5. The piano course Grades I, II, and III.
6. Counterpoint. 1 year.

VIOLIN.*

1. The course as outlined.
2. Harmony.
3. Musical Analysis.
4. History of Music.
5. The piano course Grades I, II, and III.
6. Counterpoint. 1 year.

*The classes in sight singing and ear-training are obligatory in all of the above courses.

MODERN LANGUAGES.

This department coincides with the Department of Modern Languages in the College. Excellent courses are offered in both German and French. Conversation and the thorough study of the masterpieces of each language form an important part of the work.

Arrangements are made for classes in Italian and Spanish, when conditions demand it.

THE CHORAL UNION.

The Choral Union was organized to study the oratorios and cantatas of the great masters. All capable students are admitted as members to the Choral Union. A few of the works given by this organization are Händel's "Messiah" and "Samson;" Haydn's "Creation" and "Seasons;" Mendelssohn's "St. Paul," "Elijah," "Hymn of Praise," "Christus," and "42d Psalm;" Cowen's "Rose Maiden," and Gounod's "Redemption."

ORCHESTRA.

The orchestra, which has been in existence during the past two years, has met with most unusual success. It now consists of twenty-seven players, and furnishes the accompaniments to the Choral Union concerts, for concertos, and also appears in concert work. Among the important works which have recently been given by the orchestra are Beethoven's First and Second Symphonies, Schubert's "Unfinished Symphony," Grieg's "First Peer Gynt Suite," the "Euryanthe" and "Jubel" overtures of Weber, "Ruy Blas" overture of Mendelssohn, and many other works of Wagner, Raff, Grieg, Brahms, Massanet, Verdi, Bizet, Schubert, and others. All advanced violin students are admitted to this organization.

REGULATIONS.

All students of the School of Music stand under the discipline of the College.

All lessons are payable in advance. Upon payment the pupil will receive from the Treasurer a receipt, which must be shown to the teacher when making arrangements for lessons. All students must first enroll with the Director.

The School declines to classify students before the Junior year, as the progress of each individual pupil depends upon talent, general education, application, health, age, etc., and is therefore more or less uncertain.

No pupils will be received for less than a half semester, and no deduction will be made for lessons missed or discontinued, except in cases of protracted illness.

Tardiness at lessons will curtail the pupil's lesson period.

Visitors are not allowed in the practice rooms.

Music must be paid for when taken, or at the following lesson, or the regular discount will not be deducted.

Students who show deficient musical ability or who are negligent in their work may be dropped from the classes at any time.

All private lessons last thirty minutes.

Students who have studied at the School for a year and have made satisfactory progress will be given a certificate for the work accomplished upon application.

For further information address Albert Riemenschneider, Berea, Ohio.

SUMMER SCHOOL.

June 10, 1913, the School of Music opens its summer term of nine weeks. Any person interested may secure further details by addressing the Director.

FEES.

The rates of tuition are for strictly private lessons. The conservatory or class-lesson, which is almost universally used in conservatories, is not considered in the main scheme of our instruction, as the student can not receive the individual attention to the same degree as in private instruction. Class instruction would be much cheaper, but the management feels that the difference in efficiency does not warrant the adoption of the class-lesson on a large scale. History of Music is, of course, taught in classes. All private lessons last thirty minutes, except the lessons in theory, which are twenty-minute lessons.

RATES PER SEMESTER (HALF OF THE SCHOOL YEAR).

MR. ALBERT RIEMENSCHNEIDER.

Piano or Pipe Organ, one lesson per week	$23 00
Two lessons per week	45 00
Harmony, Counterpoint, and Analysis, one lesson per week	20 00
Two lessons per week	37 00

Miss Ethel Mattison.....Piano. Mrs. Albert Riemenschneider.Voice. Mr. Ira B. Penniman.....Voice. Mr. Sidney C. Vernon.....Violin.	One lesson per week	20 00
	Two lessons per week	37 00
Mrs. Ira B. Penniman.....Piano.	One lesson per week	13 50
	Two lessons per week	27 00

History of Music	6 00
Rent of Piano one hour each day	4 00
Rent of Pedal Piano one hour each day, together with rent of large Pipe Organ, one-half hour each day	10 00
Motor power for Pipe Organ practice, one-half hour each day.	8 00
Ear Training I, for the entire school year or any part thereof.	3 00
Ear Training II, for the entire school year or any part thereof.	5 00
Choral Union for the entire school year or any part thereof.	1 00
Room for Violin practice, one hour each day	2 00

All students taking three branches in Music—as, for example, Piano, Voice, and Harmony; Piano, Musical History, and Harmony, or a similar combination—are entitled to instruction in German and French free of charge; otherwise the cost of each of these studies is $4.50 per semester.

The School of Music feels confident that it offers the best instruction to be secured anywhere at the above tuition rates. The school is especially favored in that it has a corps of teachers who are loyal to the interests of the school and with whom teaching is above all a trust to be used for the improvement and interest of others.

Lessons can often be secured at a lower rate than ours, but as a rule the instruction is of an inferior kind, and frequently worse than no instruction at all. Teachers of extended reputation, such as we have in our school, usually command three times the price in large cities, and even then the students have not the advantages which they receive in a conservatory so completely equipped as ours.

NAST THEOLOGICAL SEMINARY.

FACULTY.

THE NAST THEOLOGICAL SEMINARY.

Arthur Louis Breslich, B. D., Ph. D.,
President and Professor of Exegesis.

Dr. William Nast Foundation.

Karl Riemenschneider, Ph. D., D. D., LL. D.,
Dean and Professor of Historic Theology.

C. W. Hertzler, A. M., D. D.,
Professor of Practical Theology.

Heinrich and Isabella Marting Foundation.

Carl Jordan, B. D., Ph. D., S. T. D.,
Professor of Systematic Theology.

G. J. and Rosa Kalmbach Foundation.

THE PROSEMINAR.

Arthur Louis Breslich, B. D., Ph. D.,
President.

Hilbert T. Ficken, A. M.,
Professor of Modern Languages.

F. Gertrude Akins, A. M.,
Instructor in History.

Oscar Wesley, A. B.,
Instructor in Ancient Languages.

Rudolph Zolliker, A. B.,
Instructor in Science.

Orvis C. Irwin,
Instructor in English.

Harold A. Speckmann.
Instructor in Mathematics.

Frank J. Norton,
Physical Director.

NAST THEOLOGICAL SEMINARY.

GENERAL INFORMATION.

In the year 1865, two years after the founding of German Wallace College, the Board of Trustees decided to found a chair of Biblical Literature. It fell upon this institution to train ministers for the German Methodist Episcopal Church. This work has been continued throughout these years and the scope of the instruction has been considerably enlarged during this time.

The department is a part of the College, but is called The Nast Theological Seminary in memory of the first President of the College, Dr. Wilhelm Nast, who was also the founder of the German Methodist Church.

Certain college courses are grouped together for the special purpose of offering a systematic training for their life work to students who intend to prepare for the ministry or other activities of work in the Christian Church.

Four professors are in charge of this work. Dr. Carl Riemenschneider is the dean of the department, and Dr. C. W. Hertzler is the class officer.

Students who do not meet the college entrance requirements are not permitted to enter upon any of the courses of this department. A Proseminar-Course is offered to these students in the Sub-Freshmen Department. After completing the required units they can enter the Freshmen class or take special work in the Seminary.

FEES AND EXPENSES.

The fees and expenses for students of this department are the same as those for students of the College. See page 57 of College catalogue.

COURSES.

The following courses are offered in this department: Sociology, Missions, Pedagogy, Homiletics, Church Law, Pastoral Theology, Church History, History of Methodism, Ethics, Evidences, Apologetics, Exegesis of Old and New Testaments, Liturgics, Archæology.

Nearly all of this work is conducted in German. Courses in Sociology, Ethics, Bible, Evidences, and Pedagogy are given in both German and English.

Students who intend to prepare for the ministry or to train themselves for other work in the Christian Church are advised to take at least two years of regular College work and, if possible, to finish a complete College course before beginning this special training.

All College students are required to take at least four units of the courses in Bible offered in the Nast Theological Seminary. Other courses of this department are open to College students in their Junior and Senior years.

A special German Bulletin is printed in the interest of this department, which will be sent free on application.

THE PROSEMINAR.

GENERAL INFORMATION.

The Proseminar Course is arranged with particular attention to the needs of students who do not meet the College entrance requirements. It includes courses in Foreign Language, English, Mathematics, Science, History, and Bible.

The work of this department is under direct supervision of the College and especially of the professors of the Nast Theological Seminary. Dr. C. W. Hertzler will advise stu-

dents of this department and during his consultation hours will be glad to meet them to give them any possible information pertaining to their courses or future work.

FEES AND EXPENSES.

The fees and expenses for students of this department are the same as those for students of the College. See page 57 of College catalogue.

COURSES.

The following courses of study must be completed before students may pursue work in the Theological Seminary or the College: German 1*b*, English Grammar and Composition, Arithmetic or Algebra, Bible, Catechism, Physiology, German 2*b*, Rhetoric, 1 Greek or 1 Latin, Sacred History, Plane Geometry, German Composition 3*b*, and Elementary German Literature, English Literature, 2 Greek or 2 Latin, Physics, General History, The Life of Christ.

Students who have covered a part or all of this work in an accredited high school will receive due credit. Those who are graduates of accredited high schools are permitted to enter upon the courses of this department without any conditions, even though they may not have covered all the branches outlined in the Proseminar Course.

A German Bulletin is printed in the interest of this department, which will be sent free upon application.

THE SUB-FRESHMAN DEPARTMENT.

FACULTY.

Arthur Louis Breslich, B. D., Ph. D.,
President.

Hilbert T. Ficken, A. M.,
Professor of Modern Languages.

F. Gertrude Akins, A. M.,
Instructor in History.

Edward Allinger, A. B.,
Assistant in Commercial Branches.

Oscar Wesley, A. B.,
Assistant in Ancient Languages.

Rudolph Zolliker, A. B.,
Assistant in Sciences.

Orvis C. Irwin,
Assistant in English.

Harold A. Speckmann,
Assistant in Mathematics.

Frank J. Norton,
Physical Director.

THE SUB-FRESHMAN DEPARTMENT.

GENERAL INFORMATION.

The Sub-Freshman Department is under the general supervision of the College, but has a separate corps of instructors and separate recitation rooms.

The object of this department is not to give a general academic training, but to enable students who for some reason have not had the opportunity to finish their high school work to meet the College entrance requirements.

There are several classes of students to whom we especially recommend this department:

1. Those who decided later in life to secure an advanced education and who can not enter college because they do not meet the entrance requirements.

2. Those who desire to prepare for the ministry or some other phase of Christian work, but are not graduates of a high school.

3. Those who desire to go to college, but live in localities where there is no high school.

4. Those who are graduates of a high school which is not accredited, and for that reason must make up some work before they are admitted to college.

5. Students of the School of Music who are not high school graduates, but who desire to take special work in academic branches.

6. Students of the short course in Commerce who desire to strengthen their course by taking academic work.

FEES AND EXPENSES.

The expenses and fees for students of the Sub-Freshmen Department are the same as those for students of the College. See page 57 of College catalogue.

COURSES.

The work of this department is arranged in accordance with the needs of the students. Special emphasis is laid on the study of Modern Languages and English. Students are expected to major in these two subjects. Courses in Sciences, Mathematics, History, and Ancient Languages are arranged as minors until the student can offer a sufficient number of units to enter upon the regular College work.

A few students of mature years and good academic standing may be admitted to College with twelve units under condition that the other three units are made up during the first two years of their College work.

The required number of units is fifteen.

Students who have secured more than the required number of units in their last year receive credit toward their College degree for this work, after passing an entrance examination in the subjects for which they desire credit.

STUDENTS.

COLLEGE OF LIBERAL ARTS.

GRADUATE.

Bettenhausen, H. N., A. B.	Nevenville, Ia.
Brueckner, Wm., A. B.	Newport, Ky.
Lagemann, Theodore, A. B.	Marion, Ohio.
Lewandowski, Edward, A. B.	White, S. D.
Matthaei, Daniel, A. B.	Toledo, Ohio.
Nothdurft, George C., A. B.	Grass Lake, Mich.
Seidlmann, Paula, B. L.	Foochow, China.

UNDERGRADUATE.

SENIOR CLASS.

Allinger, Edward	Jonesville, Ind.
Beyer, Esther	Watertown, Wis.
Beyer, Max	New York City.
Guhse, Hermann	Detroit, Mich.
Haubrich, Reinhold	Kenosha, Wis.
Jordan, Arthur	Berea, Ohio.
Kaletsch, Gustav	Berea, Ohio.
Klink, Hazel	Berea, Ohio.
Krill, John	Edgerton, Ohio.
Reynolds, Myrel	Spencerville, Ohio.
Rogatzky, Frida	Louisville, Ky.
Schaefer, Roland	Milwaukee, Wis.
Sommer, Alma	Berea, Ohio.
Thoms, Nelda	Indianapolis, Ind.
Wesley, Oscar	Bethelridge, Ky.
Wilkowske, Robert	Manitowoc, Wis.
Zolliker, Rudolph	Horgen, Switzerland.

JUNIOR CLASS.

Akins, Urena (Music)	Berea, Ohio.
Chow, Timothy	Shanghai, China.
Drescher, Benjamin	Sun Prairie, Wis.

FILTER, RAYMOND.....Milwaukee, Wis.
GUENTHER, ERNEST.....Chicago, Ill.
HUND, OSCAR.....Marine City, Mich.
IRWIN, ORVIS.....Detroit, Mich.
KRILL, MINNIE.....Edgerton, Ohio.
KRUEGER, VICTOR.....Manitowoc, Wis.
LEMKE, META.....Wausau, Wis.
PENNIMAN, MRS. IRA (Music).....Cleveland, Ohio.
SCHWEINFURTH, JACOB.....Rockport, Ind.
SHAW, JOB.....Kiu-Kiang, China.
SIMMONS, LUCILE.....Medina, Ohio.
STEINKRAUS, JOHN.....Cleveland, Ohio.
TANG, PETER.....Kiu-Kiang, China.
ULRICH, CARL.....Cleveland, Ohio.
WEMMER, CLIFTON.....Columbus, Ohio.
WERNIKE, LILA (Music).....Berea, Ohio.
WESLEY, EDGAR.....Bethelridge, Ky.

SOPHOMORE CLASS.

BOWSER, WILLARD P.....Berea, Ohio.
DEMMING, BERNICE.....Berea, Ohio.
FELDHAUS, HATTIE.....Kenmore, Ohio.
GROSS, ROBERT.....Chicago, Ill.
MCKELVEY, ELSIE.....Hannibal, Ohio.
MICHEL, WILLIAM.....Batesville, Ind.
MOEHLMANN, WALTER.....Montague, Mich.
PATOW, CARL.....Roseville, Mich.
PHILLIPP, LOUIS.....Goshen, Ind.
PLUENNEKE, PEARL.....Brenham, Texas.
SCHLEUNINGER, FRANK.....Berea, Ohio.
SCHREIBER, LOUIS.....Mt. Vernon, Ind.
SIMMONS, MARION.....Medina, Ohio.
SPECKMANN, HAROLD.....Berea, Ohio.
STAUDENBAUER, JOSEPH.....Chicago, Ill.
UNNEWEHR, HULDA.....Batesville, Ind.
WEBER, IRWIN.....Berea, Ohio.
WERNER, CLARENCE.....Huntingburg, Ind.
WILKER, ESTHER.....Batesville, Ind.

FRESHMAN CLASS.

Ansel, Albert	Elgin, Ill.
Argyriou, James	Cleveland, Ohio.
Bellon, Immanuel	Heimsheim, Germany.
Bobilin, Theodor	Schenectady, N. Y.
Bockstahler, George	Bucyrus, Ohio.
Bredt, Marion	Berea, Ohio.
Browder, Ruth	Greenville, Ohio.
Claflin, Harry	Berea, Ohio.
Couch, Harold	Berea, Ohio.
Duttweiler, Herbert	Chicago, Ill.
Ficken, Clarence	Huntingburg, Ind.
Goette, William	Berea, Ohio.
Haegele, George	Stuttgart, Germany.
Haight, Leatha	Medina, Ohio.
Hathaway, Urshal	Berea, Ohio.
Heddesheimer, Ruth	Akron, Ohio.
Herbst, William	Berea, Ohio.
Herrick, T. E	Cleveland, Ohio.
Hubbard, Frederica	Decatur, Ind.
Jauch, Chas	Elmore, Ohio.
Kalberer, Gertrude	Lafayette, Ind.
Kasper, Jacob	Berea, Ohio.
Keir, James	Dunfermline, Scotland.
Klotz, Emil	Cleveland, Ohio.
Kupfer, Charles	Sherard, W. Va.
Kurtz, William	Columbus, Wis.
Lash, Henry	Wheeling, W. Va.
Lenzner, Alfred	Philadelphia, Pa.
Leverenz, Clarence	Sheboygan, Wis.
Lindner, Margaretha	Dresden, Germany.
Loomis, Ruth	Berea, Ohio.
Maher, Emmett	Berea, Ohio.
Medford, Nannie	Greenville, Ohio.
Meyers, Harriet	Berea, Ohio.
Opitz, Albert	Burkhardtsdorf, Germany.
Parshall, Mabel	Berea, Ohio.
Riehm, Fred	Cleveland, Ohio.
Rising, Rena (Music)	Litchfield, Ohio.
Rossman, Gladys (Music)	Harbor Beach, Mich.

SCHARCH, ELLIS.....Aurora, Ill.
SCHOTT, FRED.....Elmore, Ohio.
SPOENEMANN, WALTER.....Brenham, Texas.
THIEM, KARL.....Kronstadt, Hungary.
WESSEL, IRWIN.....Huntingburg, Ind.
ZIERK, CHARLES.....Kenosha, Wis.

IRREGULAR STUDENTS.

BUDLONG, HAZEL.....Berea, Ohio.
CHASE, HELEN.....Berea, Ohio.
CHERVENKA, MILDRED.....Cleveland, Ohio.
CHRISTIAN, GRACE.....Berea, Ohio.
LEISTER, OLIVE.....Medina, Ohio.
PICKARD, JENNIE.....Berea, Ohio.
PILLARS, ROBERT.....Berea, Ohio.
PILLARS, MRS. ROBERT.....Berea, Ohio.
SMEDLEY, BETH.....Berea, Ohio.
TOOTH, HAZEL.....Litchfield, Ohio.
WOLGAST, MARY.....Berea, Ohio.

SUB-FRESHMAN STUDENTS.

ACADEMY COURSE.

ALLINGER, EMMA.....Jonesville, Ind.
BEY, CLARENCE.....Bellsville, Ohio.
BOEHM, WILLIAM.....Elgin, Ill.
BRICKWEDE, CAROL.....Marietta, Ohio.
DICKERT, HUGO.....Wausau, Wis.
FEIGHTNER, EDNA.....Strongsville, Ohio.
HAUBRICH, ALFRED.....Kenosha, Wis.
HUPPERT, ALMA.....Milwaukee, Wis.
JOHNSON, WALTER.....New Milford, Conn.
NESTOR, EARL.....Boonville, Ind.
NIEMANN, FRED.....Detroit, Mich.
NORTON, FRANK.....New London, Conn.
RENNER, WESLEY.....Sardis, Ohio.
ROTH, RALPH.....Boonville, Ind.
SCHWEINFURTH, MILDRED.....Marion, Ohio.
SIMONS, IRWING.....New York City.
SPECKMANN, ELSIE.....Berea, Ohio.

SPRANKLE, EARL.....Medina, Ohio.
THOMPSON, MABEL.....Lakewood, Ohio.
WINDT, PAUL.....Dallas, Texas.
WULFMANN, CARL.....Berea, Ohio.

IRREGULAR STUDENTS.

HERTZLER, JOYCE.....Berea, Ohio.
JORDAN, LILLIAN.....Berea, Ohio.
KAETTERHENRY, ANITA.....Berea, Ohio.
KUSKAVEGE, JOHN.....Berea, Ohio.
LASH, ELIZABETH.....Wheeling, W. Va.
MILLER, CLARABELLE.....Cleveland, Ohio.
MINCH, CAROL.....Marietta, Ohio.
PENSEL, LENA.....Fitchburg, Mass.
PRINGLE, ERNA.....London, Ohio.
STEINHAUSER, ROSE.....Akron, Ohio.

COMMERCIAL COURSE.

BAESEL, CLARA.....Berea, Ohio.
BROCKETT, JOSEPHINE.....Marion, Ohio.
ELKMANN, STELLA.....Berea, Ohio.
FULLER, MILAN.....Columbia Sta., Ohio.
MAHER, JOHN.....Berea, Ohio.
MCCRACKEN, ZELLER.....Berea, Ohio.
MILLER, EDGAR.....Holt, Mich.
NEUHARDT, FRANKLIN.....Lewisville, Ohio.
NICKEL, MARY.....Berea, Ohio.
PETERKOSKI, MARY.....Berea, Ohio.
SCHWANDT, HATTIE.....Berea, Ohio.
VAN RENSSELAER, BEATRICE.....Berea, Ohio.
WALKER, ORA.....Columbia Sta., Ohio.
YOUNG, ELMER.....Kuhn, Ohio.
YOUNKER, FREDERICK.....Siloam Springs, Ark.

PROSEMINAR COURSE.

BISSINGER, WILLIAM.....Berea, Ohio.
BOESE, AUGUST.....Miniola, N. Y.
HAUETER, OTTO.....Sardis, Ohio.
KOEHNEMANN, FRED.....Hammond, Ind.

LEHMANN, HENRY	Spokane, Wash.
QUADE, LOUIS	Milwaukee, Wis.
ROEANDT, AUGUST	St. Petersburg, Russia.
ROSS, CARL	Permasens, Germany.
ZICK, BENJAMIN	Brillion, Wis.
ZICK, HERMAN	Brillion, Wis.

DEPARTMENT OF COMMERCE.

ANSEL, ALBERT	Elgin, Ill.
BAESEL, CLARA	Berea, Ohio.
BEY, CLARENCE	Bellville, Ohio.
BOCKSTAHLER, GEORGE	Bucyrus, Ohio.
BREDT, MARION	Berea, Ohio.
BROCKETT, JOSEPHINE	Marion, Ohio.
FILTER, RAYMOND	Milwaukee, Wis.
FULLER, MILAN	Columbia Station, Ohio.
HATHAWAY, URSHAL	Berea, Ohio.
HAUBRICH, ALFRED	Kenosha, Wis.
HEDDESHEIMER, RUTH	Akron, Ohio.
ILKMANN, ESTELLA	Berea, Ohio.
KASPER, JACOB	Berea, Ohio.
KRILL, MINNIE	Edgerton, Ohio.
LEMKE, META	Wausau, Wis.
LEVERENZ, CLARENCE	Sheboygan, Wis.
MAHER, EMMET	Berea, Ohio.
MAHER, JOHN	Berea, Ohio.
MCCRACKEN, ZELLER	Berea, Ohio.
MILLER, EDGAR	Holt, Mich.
NEUHARDT, FRANKLIN	Lewisville, Ohio.
NICKEL, MARY	Berea, Ohio.
NIEMAN, FRED	Roseville, Mich.
PETERKOSKI, MARY	Berea, Ohio.
RENNER, WESLEY	Sardis, Ohio.
ROEANDT, AUGUST	St. Petersburg, Russia.
SCHWANDT, HATTIE	Berea, Ohio.
WALKER, ORA	Columbia Station, Ohio.
WESSEL, IRWIN	Huntingburg, Ind.
YOUNG, ELMER	Kuhn, Ohio.
YOUNKER, FREDERICK	Siloam Springs, Ark.

NAST THEOLOGICAL SEMINARY.

COLLEGE STUDENTS.

SENIORS.

Beyer, Max	New York City.
Guhse, Herman	Detroit, Mich.
Schaefer, Roland	Milwaukee, Wis.
Wilkowsky, Robert	Manitowoc, Wis.
Zolliker, Rudolph	Zurich, Switzerland.

JUNIORS.

Drescher, Benjamin	Sun Prairie, Wis.
Guenther, Ernst	Chicago, Ill.
Hund, Oscar	Marine City, Mich.
Irwin, Orvis	Detroit, Mich.
Krueger, Victor	Manitowoc, Wis.
Schweinfurth, Jacob	Rockport, Ind.
Steinkraus, John	Cleveland, Ohio.

SOPHOMORES.

Gross, Robert	Chicago, Ill.
Michel, William	Batesville, Ind.
Moehlmann, Walter	Montague, Mich.
Patow, Carl	Roseville, Mich.
Schreiber, Louis	Mt. Vernon, Ind.

FRESHMEN.

Bellon, Immanuel	Heimsheim, Germany.
Bobilin, Theodore	Schenectady, N. Y.
Duttweiler, Herbert	Chicago, Ill.
Klotz, Emil	Cleveland, Ohio.
Kupfer, Charles	Sherard, W. Va.
Kurtz, William	Columbus, Wis.
Lenzner, Alfred	Philadelphia, Pa.
Lindner, Margaretha	Dresden, Germany.
Opitz, Albert	Burkhardtdorf, Germany
Zierk, Charles	Kenosha, Wis.

PROSEMINAR STUDENTS.

BISSINGER, WILLIAM.....Berea, Ohio.
BOESE, AUGUST.....Miniola, N. Y.
HAUETER, OTTO.....Sardis, Ohio.
KOEHNEMANN, FRED.....Hammond, Ind.
LEHMANN, HENRY.....Spokane, Wash.
QUADE, LOUIS.....Milwaukee, Wis.
ROEANDT, AUGUST.....St. Petersburg, Russia.
ROSS, CARL.....Permasens, Germany.
ZICK, BENJAMIN.....Brillion, Wis.
ZICK, HERMAN.....Brillion, Wis.

SCHOOL OF MUSIC.

AKINS, URENA.....Berea, Ohio.
ANSEL, ALBERT.....Elgin, Ill.
ALLINGER, EMMA.....Bedford, Ind.
ALLINGER, EDWARD.....Bedford, Ind.
BEYER, MAX.....New York City.
BLAIR, JOHN W.....Berea, Ohio.
BRICKWEDE, CAROL.....Marietta, Ohio.
BROWDER, RUTH.....Greenville, Ohio.
BUDLONG, HAZEL.....Los Angeles, Cal.
BURT, ETHEL.....Olmsted Falls, Ohio.
CAMPBELL, LILYAN.....Berea, Ohio.
CHASE, HELEN.....Berea, Ohio.
CHASE, CORINNA.....Creston, Ohio.
CHRISTIAN, GRACE.....Berea, Ohio.
CHERVENKA, MILDRED.....Cleveland, Ohio.
CLARK, EDWIN.....Berea, Ohio.
CRUM, LAURA.....Berea, Ohio.
CHRISTIAN, HIRAM.....Berea, Ohio.
DEMBOSKI, ANDREW.....Berea, Ohio.
DICKERT, ROSE.....Wausau, Wis.
DRAKE, E. N.....Strongsville, Ohio.
DUBBER, GEORGIA.....Bedford, Ind.
DELPH, GEORGE.....Berea, Ohio.
ENDINGER, BEATRICE.....Ashland, Ohio.
EVANS, SARA.....Seville, Ohio.
EISELE, FRED.....Cleveland, Ohio.

FREY, OLGA.....Cleveland, Ohio.
FETTERMAN, FRANK.....Strongsville, Ohio.
FIEDLER, ELVA.....Berea, Ohio.
GUENTHER, EDITH.....Berea, Ohio.
GOETTE, EDWARD.....Berea, Ohio.
HATHAWAY, URSHAL.....Berea, Ohio.
HAUCK, FLORENCE.....Berea, Ohio.
HAIGHT, LETHA.....Medina, Ohio.
HAUETER, O. E.....Sardis, Ohio.
HELWICK, LLOYD.....Berea, Ohio.
HODGMAN, ELSIE.....Brooklyn Sta., Ohio.
HUND, OSCAR.....Marine City, Ohio.
HUBBARD, FREDERICA.....Decatur, Ind.
HUPPERT, ALMA.....Milwaukee, Wis.
HICKOX, FANNY.....Berea, Ohio.
HERTZLER, VERNA.....Berea, Ohio.
HUNSBERGER, LUCILE.....Medina, Ohio.
HEDDESHEINER, RUTH.....Akron, Ohio.
HARRIS, ROSAMUND.....Berea, Ohio.
JAUCH, CHAS.....Elmore, Ohio.
JOHNSON, WALTER.....New Milford, Conn.
KRUEGER, VICTOR.....Manitowoc, Wis.
KING, RUTH.....Berea, Ohio.
KLEIN, ARTIMISIA.....Gresham, Ohio.
KATTERHENRY, ANITA.....Berea, Ohio.
LOOMIS, RUTH.....Berea, Ohio.
LEVERENZ, CLARENCE.....Sheboygan, Wis.
LASH, ELIZABETH.....Wheeling, W. Va.
LASH, HENRY.....Wheeling, W. Va.
LEISTER, OLIVE.....Medina, Ohio.
LINDNER, MARGARET.....Dresden, Germany.
LOCKE, GLADYS.....Olmsted Falls, Ohio.
MINCH, CAROL.....Marietta, Ohio.
MICHEL, WILLIAM.....Batesville, Ind.
MILLER, CLARABELLE.....Cleveland, Ohio.
MONTGOMERY, NORMA.....Berea, Ohio.
MURPHY, LAURA.....Cleveland, Ohio.
MOLLISON, VERA.....West View, Ohio.
NICHOLS, HENRIETTA.....Berea, Ohio.
PLUENNEKE, PEARL.....Brenham, Tex.
PILLARS, ROBT.....Berea, Ohio.

PILLARS, MRS. ROBT.....Berea, Ohio.
PENNIMAN, MRS. I. B.....Cleveland, Ohio.
PARSHALL, MILDRED.....Berea, Ohio.
PRINGLE, MISS E. W.....London, Ohio.
PENSEL, LENA.....Fitchburg, Mass.
RICKARD, JENNIE.....Berea, Ohio.
RIDDLES, IRENE.....Berea, Ohio.
RISING, RENA.....Litchfield, Ohio.
ROHDE, ALEXANDER.....Middleburg, Ohio.
ROTH, KINGSLEY.....Cleveland, Ohio.
RAIMER, CARL.....Berea, Ohio.
ROSSMAN, GLADYS.....Harbor Beach, Mich.
RIGDON, MABEL.....Berea, Ohio.
SMEDLEY, BETH.....Berea, Ohio.
SPOENEMAN, WALTER.....Brenham, Tex.
SLAUGHTER, CLARINDA.....Berea, Ohio.
SOMMER, ALMA.....Berea, Ohio.
SPRAGUE, MABEL.....Berea, Ohio.
STEINHAUSER, ROSE.....Akron, Ohio.
SMITH, GRACE.....Olmsted Falls, Ohio.
SPECKMANN, ELSIE.....Berea, Ohio.
STONE, MAE.....Berea, Ohio.
SCHOENHERR, MISS.....Olmsted Falls, Ohio.
SABIN, VELMA.....Berea, Ohio.
SCHRADER, PAUL.....Berea, Ohio.
SIMONS, IRVING.....New York City.
SHORT, NETTIE.....Middleburg, Ohio.
SCHOTT, FRED.....Elmore, Ohio.
STAUDENBAUR, JOSEPH.....Chicago, Ill.
SMITH, LAVONNE.....Medina, Ohio.
THOMS, NELDA.....Indianapolis, Ind.
TOOTH, HAZEL.....Litchfield, Ohio.
THIEM, K. H.....Kronstadt, Hungary.
UNNEWEHR, HULDA.....Batesville, Ind.
WILKINSON, RUBY.....Berea, Ohio.
WHITE, LYLE.....Strongsville, Ohio.
WHITE, FLORENCE.....Strongsville, Ohio.
WERNER, CLARENCE.....Huntingburg, Ind.
WERNICKE, LILA.....Berea, Ohio.
WORNER, GLADYS.....Berea, Ohio.
WILKER, ESTHER.....Batesville, Ind.

WOLGAST, MARIE.....Buffalo, N. Y.
WILKOWSKY, ROBT.....Manitowoc, Wis.
ZOLLIKER, RUDOLPH.....Zurich, Switzerland.
ZACK, HERMAN.....Brillian, Wis.

SUMMARY.

	Men	Women	Total
Regular Students Enrolled in College of Liberal Arts	66	42	108
Irregular Students Enrolled in College of Liberal Arts	1	10	11
Total Number of Students Enrolled in College	67	52	119
Regular Students Enrolled in Sub-Freshman Course	23	8	31
Irregular Students Enrolled in Sub-Freshman Course	24	54	78
Total Number of Students Enrolled in Sub-Freshman Course	47	62	109
Total Number of Students in College and Sub-Freshman Course	114	114	228
Students Enrolled in Nast Theological Seminary (College, 27; Proseminar, 10)	36	1	37
Students Enrolled in Commerce Department	20	11	31
Students Enrolled in School of Music	36	76	112

NAMES OF THE OFFICERS OF THE VARIOUS ORGANIZATIONS.

PHILOMATHEAN.

FRIDA ROGATSKY.....President.
MINNIE KRILL...Vice-President.
META LEMKE.....Secretary.
RUTH LOOMIS.....Treasurer.

GERMANIA.

JOHN KRILL.....President.
OSCAR WESLEY...Vice-President.
RAY FILTER.....Secretary.
ALBERT ANSEL.....Treasurer.

SCHILLER.

HAROLD SPECKMANN...President.
CLARENCE WERNER, Vice-Pres't.
WILLIAM GOETTE.....Secretary.
WILLIAM MICHEL.....Treasurer.

GOETHE

JOHN STEINKRAUS.....President.
BENJAMIN DRESCHER, Vice-Prest.
ROBERT GROSS,.....Secretary.
KARL PATOW.....Treasurer.

Y. M. C. A.

BENJAMIN DRESCHER, President.
HENRY LASH.....Vice-President.
HAROLD SPECKMANN...Secretary.
WILLIAM MICHEL.....Treasurer.

Y. W. C. A.

HULDA UNNEWEHR....President.
ELSIE MCKELVEY, Vice-President.
RUTH BROWDER.....Secretary.
MARGARETHA LINDNER, Treasurer.

STUDENTS' ASSEMBLY.

RAYMOND FILTER.....President.
HAROLD SPECKMANN, Vice-Pres't.
META LEMKE.....Secretary.
JOHN C. MARTING.....Treasurer.

VOLUNTEER BAND.

RUDOLPH ZOLLIKER...President.
GEORGE WARD.....Sec.-Treas.

THEOLOGICAL.

ROBERT GROSS.....President.
LOUIS SCHREIBER, Vice-President.
ALFRED LENZNER.....Sec-.Treas.

BEREANER STAFF.

WESLEY NAST SPECKMANN,
Alumni Editor.
EDGAR WESLEY.....Editor
ALFRED LENZNER, German Editor
HAROLD SPECKMANN...Exchange.
RAYMOND FILTER.....Athletics.
FRIDA ROGATSKY,
Organizations and Notes.
THEODORE BOBILIN..... Grinds.

ALUMNI ASSOCIATION.

TIMOTHY SPECKMANN..President.
C. W. HERTZLER.....Secretary.
VICTOR WILKER..Cor. Secretary.
VICTOR WILKER,
A. L. BRESLICH,
A. RIEMENSCHNEIDER,
H. T. FICKEN,
C. W. HERTZLER,
} Executive Committee

FORM OF BEQUEST.

In the name of God, Amen.

I, A. B., of ..... do make, publish, and declare this my last Will and Testament as follows: I give and bequeath to German Wallace College, of Berea, Cuyahoga County, Ohio, a Corporation under the laws of Ohio, the sum of $....., and the receipt of its Treasurer shall be sufficient discharge to my Executor for the same.

Form to be used for the donating of land:

I give and devise to German Wallace College, of Berea, Cuyahoga County, Ohio, a Corporation under the laws of Ohio, the following Lands and Premises (insert here a description of the same) with the appurtenance, in fee simple, for the purpose of the said College.

Signature and Attestation: In Testimony whereof, I have hereunto set my hand this ..... day of ..... in the year of .....

.....

Signed, sealed, published, and declared, by the above named, A. B., as, and for his last Will and Testament, in the presence of us, and in his presence, and in the presence of each other, and at his request have hereto subscribed our names as Witnesses.

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